

2019

PRINCE GEORGE'S COUNTY ANNUAL HIV EPIDEMIOLOGICAL PROFILE

**Data reported through
June 30, 2020**

**CENTER FOR HIV
SURVEILLANCE,
EPIDEMIOLOGY AND
EVALUATION**

Infectious Disease Prevention and
Health Services Bureau
Prevention and Health Promotion
Administration



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On the Web

<https://phpa.health.maryland.gov/OIDEOR/CHSE/SiteAssets/Pages/statistics/Prince-George's-County-Annual-HIV-Epidemiological-Profile-2019>

Additional Information and Reporting Instructions

<https://phpa.health.maryland.gov/OIDEOR/CHSE/pages/Home.aspx>

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Section I – Summary of Analyses and Technical Notes

Highlights of Analyses

The Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health is responsible for the collection, analysis, and dissemination of HIV surveillance data for the state of Maryland. The annual epidemiological profiles, fact sheets, maps and other reports attempt to summarize information about the HIV epidemic in Maryland. All rates are per 100,000 population.

HIV Diagnoses

During 2019, there were 289 reported HIV diagnoses in Prince George's County. Data presented below describe HIV diagnoses in Prince George's County, among people age 13 years and older, during 2019.

- Geographic distribution: In Prince George's County, nine of the forty ZIP codes accounted for about half (53.2%) of HIV diagnoses. The ZIP code with the highest number (25, 8.7%) of HIV diagnoses is 20785. The highest rate was in ZIP code 20781 (90.6).
- Age: Persons aged 20-39 years accounted for the highest number (167, 57.8%) of HIV diagnoses. The highest rate was among 30-39-year-olds (56.2).
- Sex at Birth: Males accounted for the highest number (199, 68.9%) of HIV diagnoses. The rate among males was 55.0 and 22.5 among females.
- Race/Ethnicity: Non-Hispanic Blacks accounted for the highest number (240, 83.0%) and the highest rate (49.9) of HIV diagnoses.
- Exposure Category: Male-to-male sexual contact accounted for the highest number (149, 51.6%) of diagnoses.

People living with Diagnosed HIV

At the end of 2019, there were 7,926 people living with diagnosed HIV in Prince George's County. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in Prince George's County.

- Geographic distribution: In Prince George's County, nine ZIP codes accounted for about half (52.3%) of people living with diagnosed HIV. The ZIP code with the highest number (588, 7.4%) of people living with diagnosed HIV is 20743. The highest rate was in ZIP code 20746 (1,829.1).
- Age: Persons aged 40-59 years accounted for the highest number (3,927, 49.5%) of people living with diagnosed HIV. The highest rate was among 50-59-year-olds (1,624.9).
- Sex at Birth: Males accounted for the highest number (5,384, 67.9%) of people living with diagnosed HIV. The rate among males was 1,488.2 and 636.7 among females.
- Race/Ethnicity: Non-Hispanic Blacks accounted for the highest number (6,585, 83.1%) of the people living with diagnosed HIV.
- Exposure Category: Male-to-male sexual contact accounted for the highest number (3,781, 47.7%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in Prince George's County, it is estimated that 85.4% have been diagnosed, while an estimated 1,355 people with HIV in Prince George's County remain undiagnosed.
- Linked to care: During 2019, 87.9% of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- Retained in care: Among people living with diagnosed HIV, 79.3% were retained in care during 2019.
- Viral suppression: In 2019, 69.4% of people living with diagnosed HIV achieved viral suppression.

Technical Notes

HIV/AIDS Reporting

The Maryland HIV/AIDS Reporting Act of 2007 requires that people living with HIV be reported by name to the Maryland Department of Health. As per the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in the Code of Maryland Regulations (COMAR) 10.18.02, physicians are required to report patients in their care with diagnoses of HIV or AIDS and infants born to mothers living with HIV, clinical and infection control practitioners in medical and correctional facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS, and laboratory directors are required to report all HIV diagnostic and HIV-related monitoring test results, including HIV negative test results.

Report Changes

In order to be responsive to changing data needs, the following updates have been made to this report:

- The Background Information section has been replaced with the Summary of Analyses and Technical Notes section.
- Tables describing new HIV diagnoses by geography have been restructured. All new HIV and AIDS diagnoses will appear in Table 1. All laboratory data and outcomes for new HIV diagnoses will be described in Table 2. In the county level reports, only ZIP codes with at least five new HIV diagnoses during the specified year will be included in tables describing laboratory data and outcomes.
- Tables describing people living with diagnosed HIV by sex at birth and race/ethnicity have been added to the demographics section (Section VI).
- Mean years from HIV to AIDS diagnosis and the percentage of late HIV diagnoses among AIDS diagnoses is no longer presented in tables. Aggregate disease progression data by year is presented in Figure 10.

- The population pyramids figure describing people living with diagnosed HIV by race/ethnicity, sex at birth, and age is no longer included in this report.
- The treemap figure presenting data by sex at birth, race/ethnicity, and exposure category is no longer included in this report.

Data Specifications

Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of data. Data are only available for people that have been diagnosed with HIV by a health care provider, were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2019, are receiving medical care (often only at facilities in Maryland), and only includes information that has been reported to the health department.

Data presented were reported to the Maryland Department of Health through June 30, 2020. Reported new diagnoses and estimates of people living with diagnosed HIV are as of December 31, 2019.

This report presents data with a six-month reporting delay. This lag allows for time to report case and laboratory data and to complete investigations. Due to reporting delays, estimates by exposure category and mortality are preliminary.

Please read all table titles and footnotes carefully to ensure a complete understanding of the displayed data.

New HIV Infections

The Centers for Disease Control and Prevention (CDC), using national surveillance data, estimates that the number of people living with undiagnosed HIV infection, among people living with HIV, is 13.8 percent in the United States.¹ Applying the same estimation method to Maryland surveillance data, the estimated number of people living with undiagnosed HIV infection in Maryland is 10.8 percent in 2018.

¹Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2014–2018. HIV Surveillance Supplemental Report 2020;25(No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published May 2020. Accessed May 2020.

AIDS Diagnoses

CD4+ T-lymphocyte tests are measures of a person's immune system function. An adult living with diagnosed HIV is considered to have AIDS if they have less than 200 CD4+ cells per microliter of blood or if the percent of T-Lymphocyte cells that are CD4+ is less than 14 percent.

Mortality

People are assumed to be alive unless reported as deceased to the Maryland Department of Health. Caution should be exercised when interpreting mortality estimates for recent years due to delays in reporting.

Engagement in HIV Care

Treatment recommendations are that a person in HIV medical care should have their CD4 and viral load levels measured regularly, at least once per year. The presence of these lab tests is used as an indicator that someone has been "linked to care" after diagnosis or is "retained in care."

Viral Suppression

Viral load tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Low levels of viral load, such as less than 200 copies per milliliter of blood, is known as viral suppression. Estimates of viral suppression among people living with diagnosed HIV are inclusive of people diagnosed in the specified year; therefore, they may not have had sufficient time to engage in HIV care and/or achieve viral suppression.

Geographic Distribution

Residence at diagnosis is used exclusively to describe new HIV and AIDS diagnoses. Estimates describing the number of people living with diagnosed HIV use current residence. Current residence estimates are restricted to people for which there is a case report form or laboratory test reported since January 1, 2009. Restricting address data to recent years presents the most accurate data available and helps to account for people that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes people that may still be residents of Maryland but have not received any HIV care since prior to 2009.

In addition, residence is dynamic and people living with diagnosed HIV may have resided at multiple addresses that cannot all be represented in single time point estimates.

Residents of Correctional Facilities

People living with diagnosed HIV who were reported to be residing in a state or federal prison will be described for Maryland only. For surveillance purposes, pre- or post-incarceration residential addresses are used for people living with diagnosed HIV who were incarcerated in local jails and detention centers.

Gender Identity

This epidemiological profile describes people by gender identity. Gender identity is one's internal understanding of one's own gender or the gender with which a person identifies. Historically, it has been difficult to present data by gender identity. No reliable system exists for collecting or reporting gender identity and some agencies do not collect or have complete data on gender identity. This report is likely underreporting the number gender diverse people (defined as people who have a gender identity or gender expression that differs from their assigned sex at birth) living with diagnosed HIV because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

Race/Ethnicity

The completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity categories may vary across agencies and some agencies do not collect or have complete data on race/ethnicity.

Country of Birth

The completeness of reporting a person's country of birth is variable in surveillance data. Not all agencies collect or have complete data on nativity. In addition, some individuals may immigrate to the U.S. with HIV. HIV testing data from other countries is often unavailable for these people; therefore, they are counted as a new diagnosis following their first HIV related lab test in the United States, even if they were first diagnosed elsewhere.

HIV Exposure Categories

The CDC developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who report a history of sexual contact with other men and report injection drug use constitutes a separate transmission category.

Sources of Data

Information on HIV and AIDS diagnoses, including residence, age, race/ethnicity, sex at birth, current gender, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health's Enhanced HIV/AIDS Reporting System (eHARS), as of June 30, 2020.

Population data by sex, age, and race/ethnicity are from the July 1, 2019 U.S. Census Estimates. Population data by country-of-birth are from the Census Bureau's 2018 American Community Survey. This produces a difference in total population due to the different source. Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Numbers in figures, tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of people living with diagnosed HIV, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than five people.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

Tables presenting clinical/laboratory information for reported new diagnoses by ZIP code will present only ZIP codes with at least five people.

Exposure/risk data is not suppressed due to statistical adjustments resulting in the presentation of estimated or probable risk.

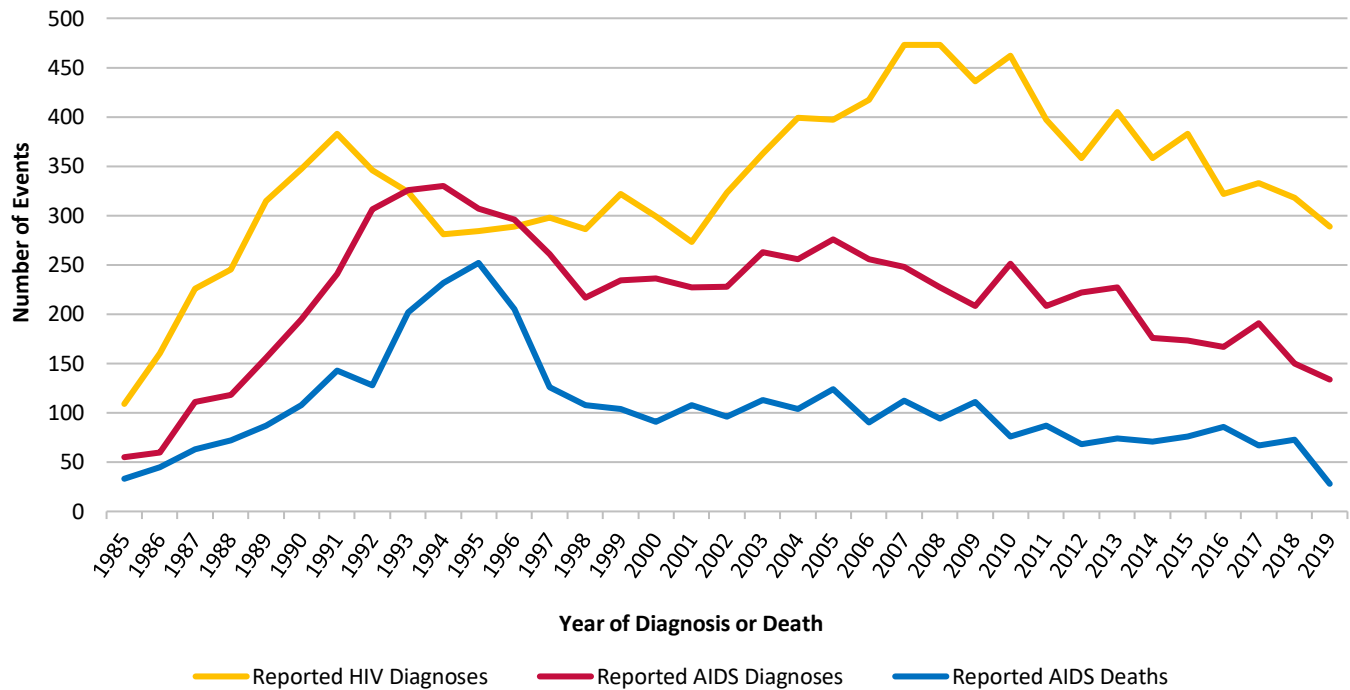
Multiple Imputation

Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category.

Section II – Trends 1985-2019

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, Among Residents at Diagnosis, 1985-2019, Reported through June 30, 2020

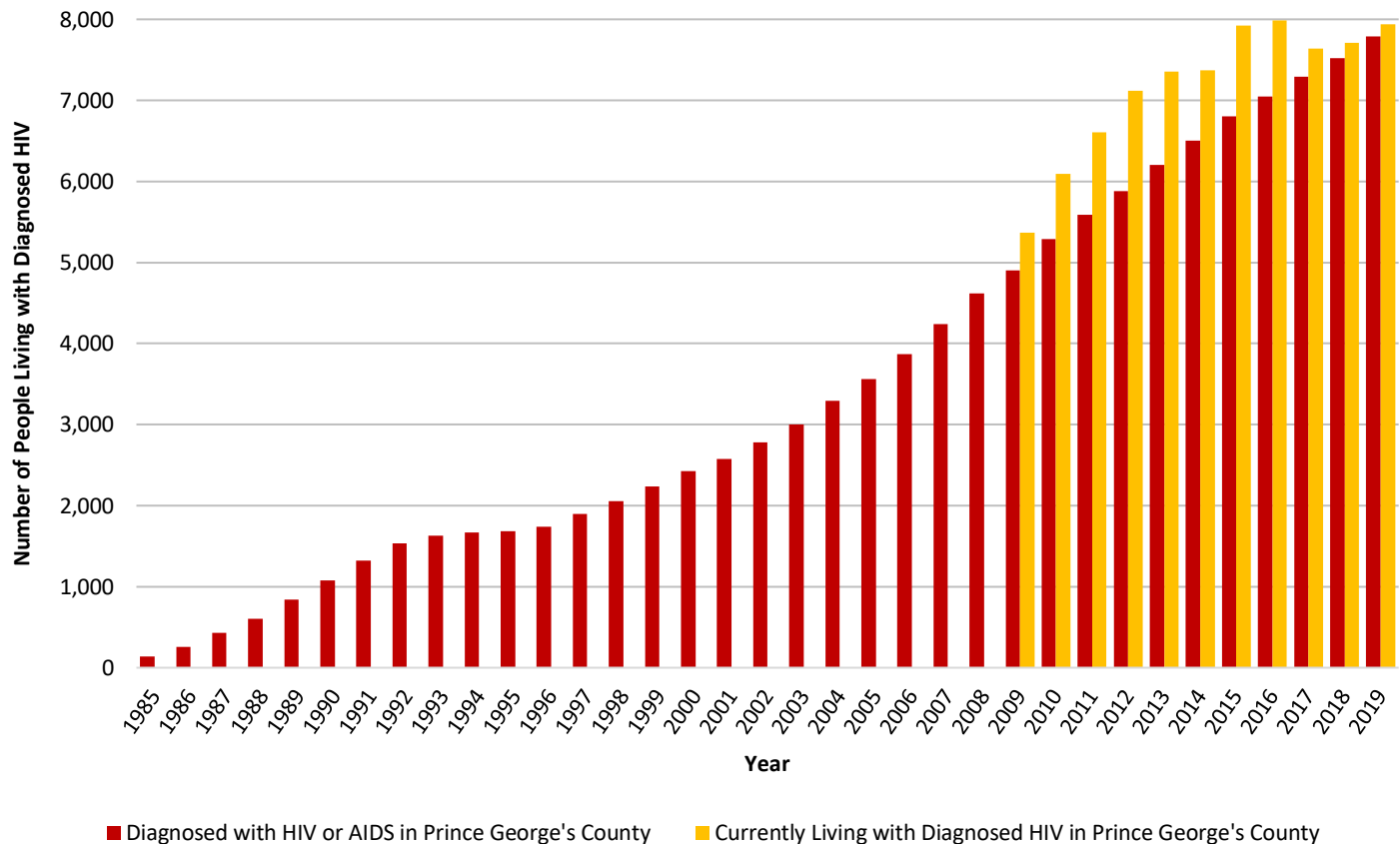
People Diagnosed with HIV (Reported HIV Diagnoses) by Year of HIV Diagnosis, People Diagnosed with HIV with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and People Diagnosed with HIV with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2019, as Reported through June 30, 2020



*2018-2019 reported AIDS deaths are preliminary

Figure 2 – Trends in People Living with Diagnosed HIV, Among Residents at Diagnosis, 1985-2019, Reported through June 30, 2020

People Living with Diagnosed HIV in Prince George's County and Not Reported to have Died as of December 31st of Each Year (People who were Diagnosed with HIV or AIDS in Prince George's County and/or People who are Currently Living with Diagnosed HIV in Prince George's County) from 1985 through 2019, as Reported through June 30, 2020

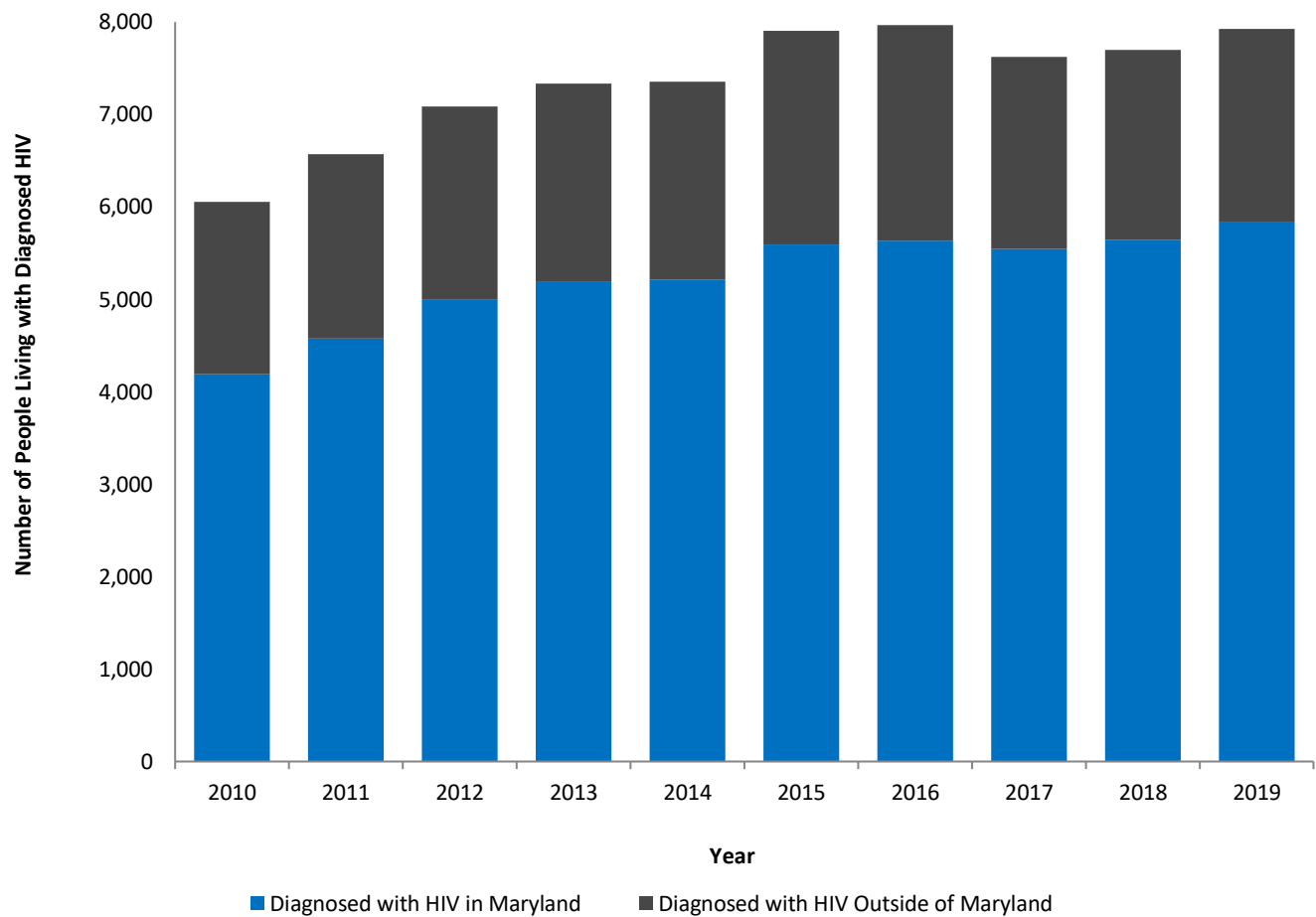


People Living with Diagnosed HIV			People Living with Diagnosed HIV		
Year	Diagnosed with HIV or AIDS in Prince George's County	Current Residents	Year	Diagnosed with HIV or AIDS in Prince George's County	Current Residents
1985	142	--	2003	3,004	--
1986	259	--	2004	3,291	--
1987	432	--	2005	3,560	--
1988	606	--	2006	3,872	--
1989	840	--	2007	4,241	--
1990	1,078	--	2008	4,617	--
1991	1,319	--	2009	4,904	5,366
1992	1,533	--	2010	5,286	6,094
1993	1,632	--	2011	5,591	6,604
1994	1,666	--	2012	5,882	7,119
1995	1,684	--	2013	6,206	7,359
1996	1,738	--	2014	6,502	7,372
1997	1,898	--	2015	6,803	7,923
1998	2,056	--	2016	7,045	7,983
1999	2,233	--	2017	7,290	7,637
2000	2,422	--	2018	7,518	7,711
2001	2,576	--	2019	7,787	7,937
2002	2,777	--			

Note. Current residence for people living with diagnosed HIV is unavailable prior to 2009.

Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, Among Current Residents, 2010-2019, Reported through June 30, 2020

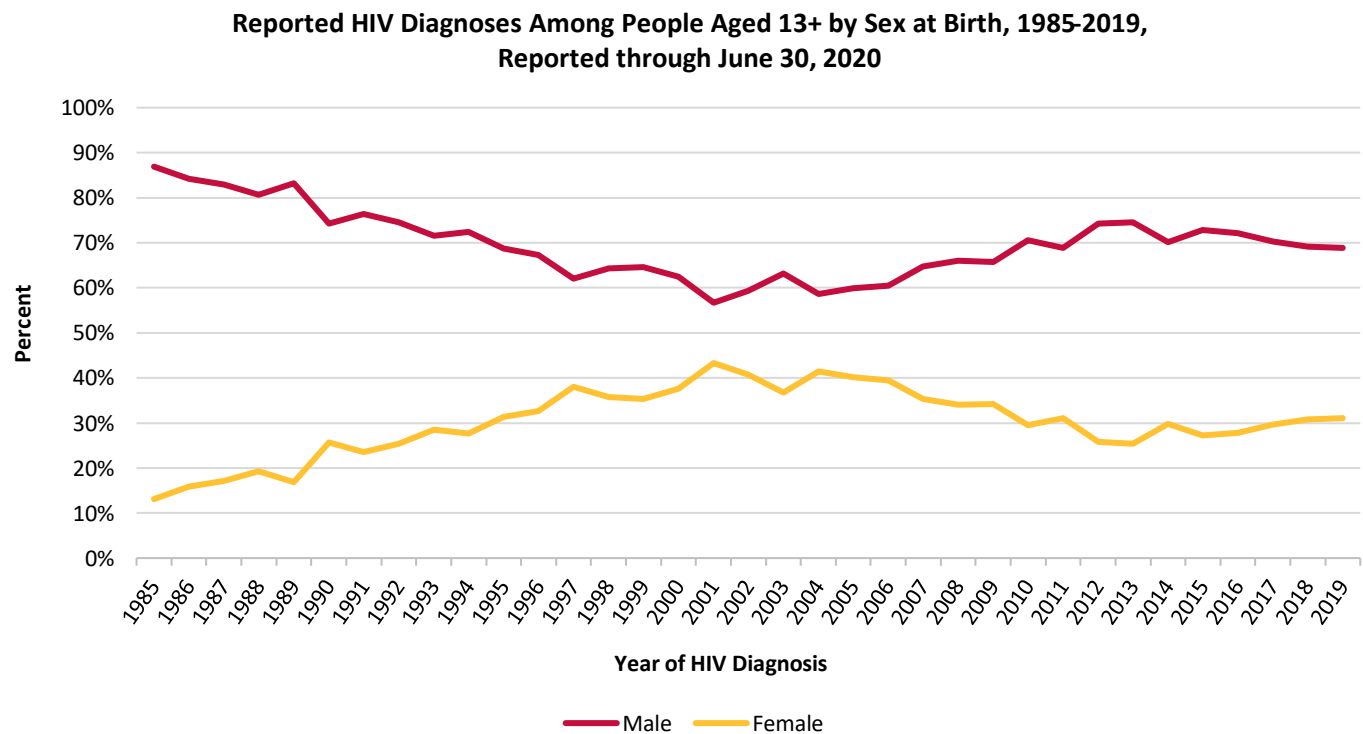
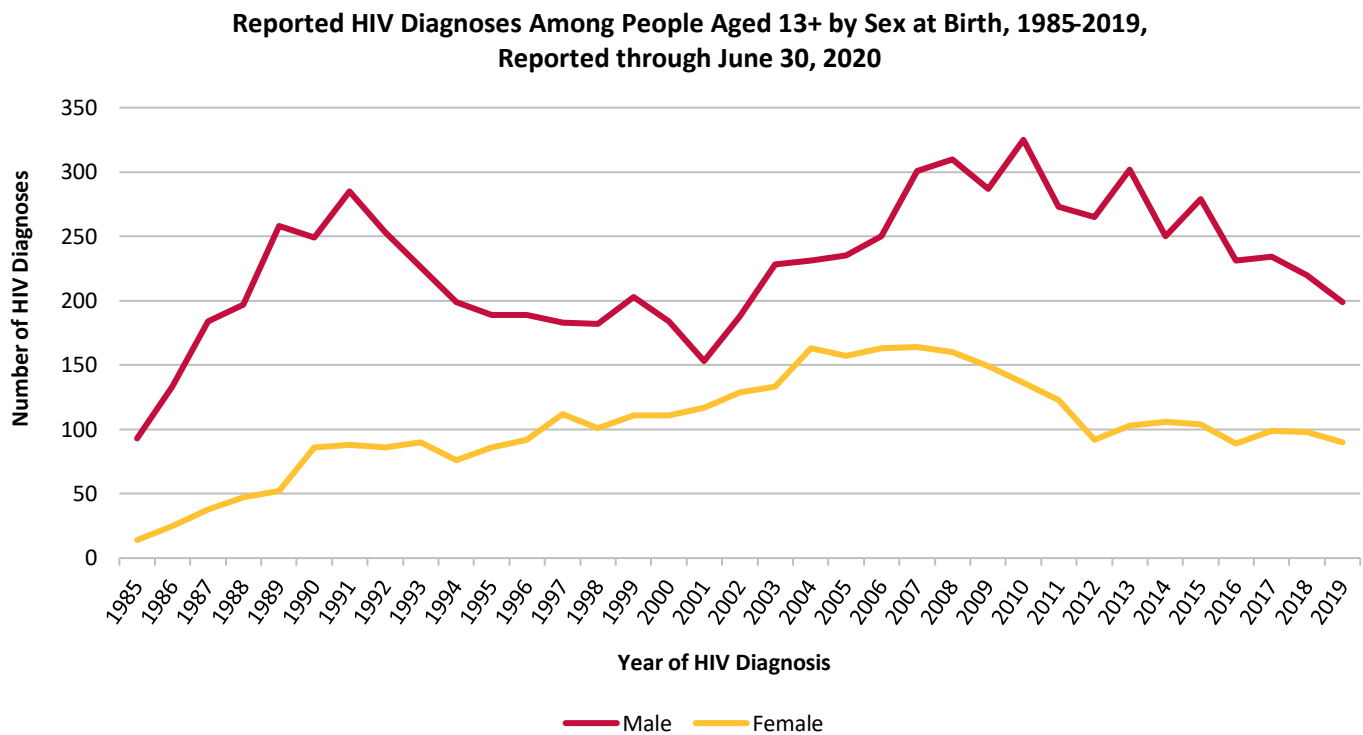
People Living with Diagnosed HIV in Prince George's County and Not Reported to have Died as of December 31st of Each Year from 2010 through 2019, as Reported through June 30, 2020



Year	Population Age 13+	Prince George's County Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2010	719,810	4,192	1,863	6,055	841.2
2011	727,480	4,575	1,994	6,569	903.0
2012	735,618	5,004	2,083	7,087	963.4
2013	743,423	5,185	2,151	7,336	986.8
2014	749,958	5,215	2,137	7,352	980.3
2015	755,884	5,592	2,315	7,907	1,046.1
2016	758,069	5,636	2,328	7,964	1,050.6
2017	759,971	5,544	2,076	7,620	1,002.7
2018	760,474	5,642	2,054	7,696	1,012.0
2019	761,035	5,844	2,082	7,926	1,041.5

Figure 4 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2019, Reported through June 30, 2020

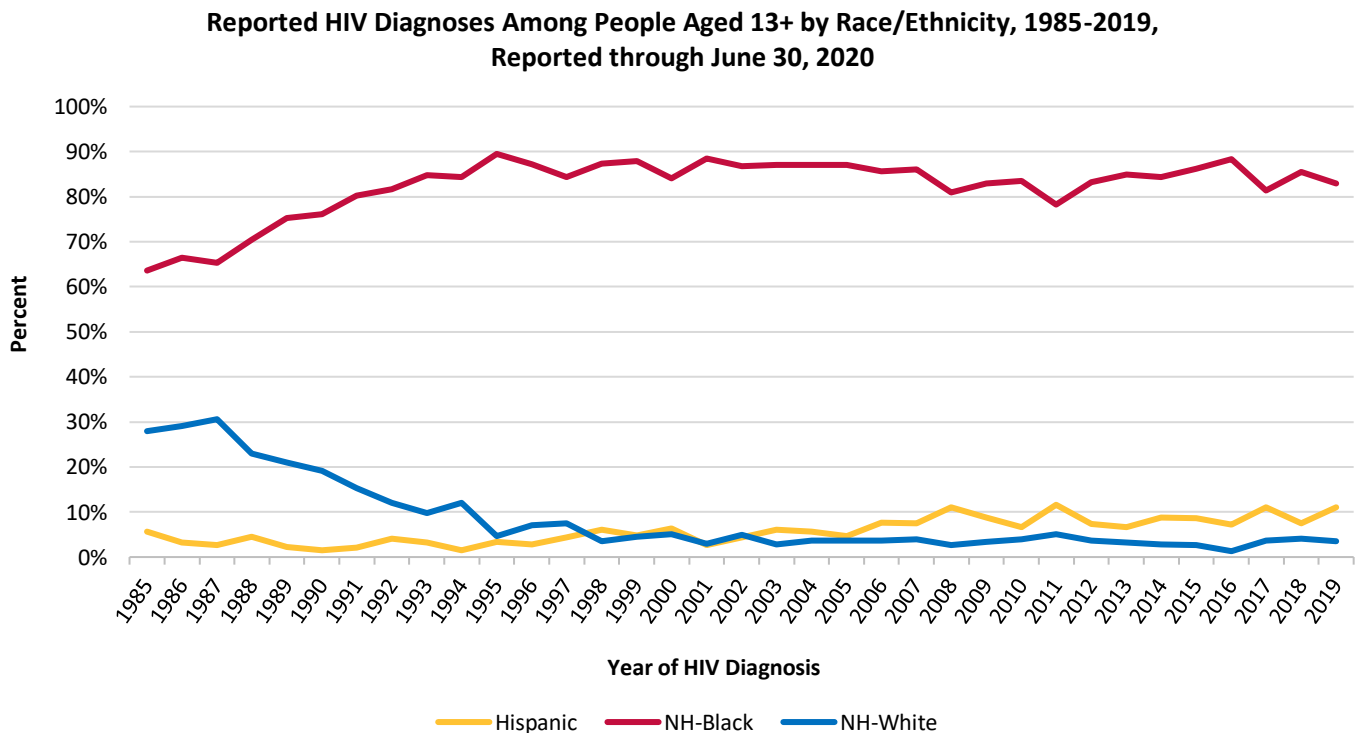
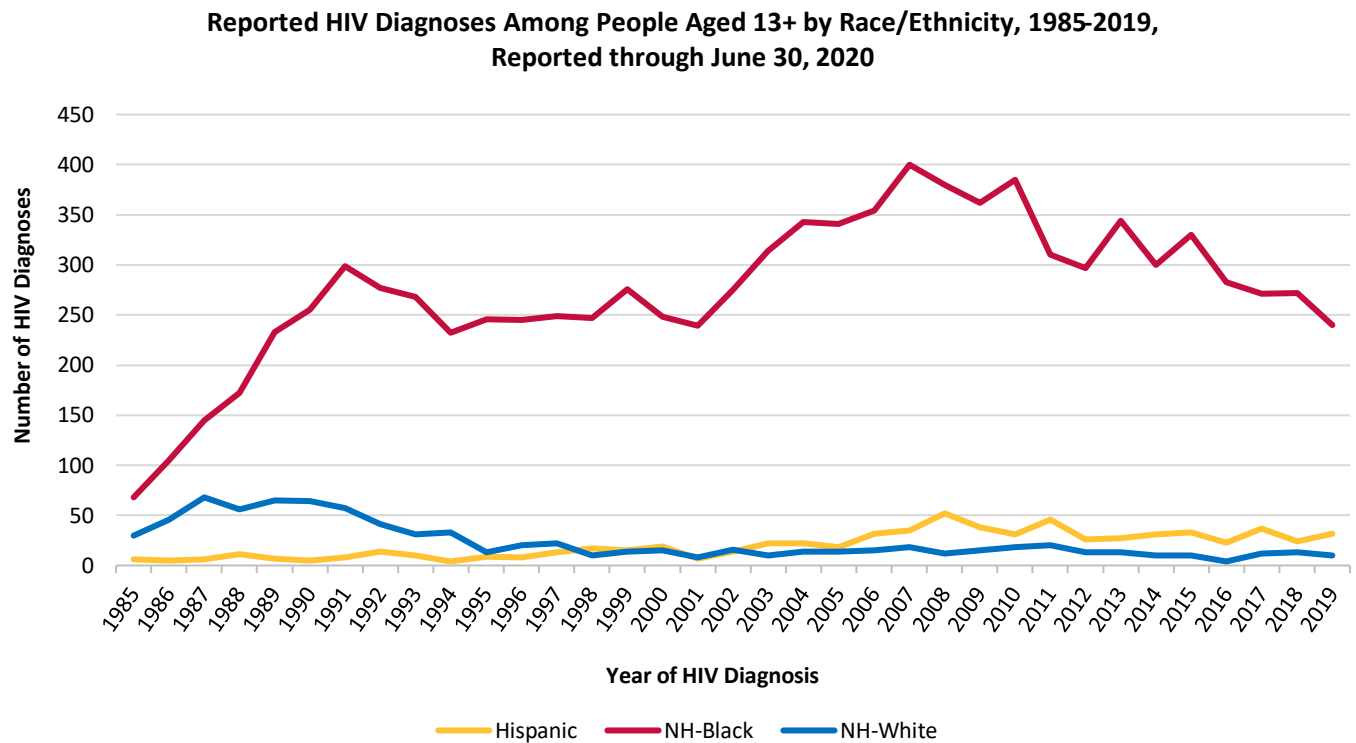
Number and Percent by Sex at Birth of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2019, as Reported through June 30, 2020



Reported HIV Diagnoses Among People Aged 13+					
Year of HIV Diagnosis	Number	Sex at Birth			
		Male		Female	
		Number	Percent	Number	Percent
<1985	74	66	89.2%	8	10.8%
1985	107	93	86.9%	14	13.1%
1986	158	133	84.2%	25	15.8%
1987	222	184	82.9%	38	17.1%
1988	244	197	80.7%	47	19.3%
1989	310	258	83.2%	52	16.8%
1990	335	249	74.3%	86	25.7%
1991	373	285	76.4%	88	23.6%
1992	339	253	74.6%	86	25.4%
1993	316	226	71.5%	90	28.5%
1994	275	199	72.4%	76	27.6%
1995	275	189	68.7%	86	31.3%
1996	281	189	67.3%	92	32.7%
1997	295	183	62.0%	112	38.0%
1998	283	182	64.3%	101	35.7%
1999	314	203	64.6%	111	35.4%
2000	295	184	62.4%	111	37.6%
2001	270	153	56.7%	117	43.3%
2002	317	188	59.3%	129	40.7%
2003	361	228	63.2%	133	36.8%
2004	394	231	58.6%	163	41.4%
2005	392	235	59.9%	157	40.1%
2006	413	250	60.5%	163	39.5%
2007	465	301	64.7%	164	35.3%
2008	470	310	66.0%	160	34.0%
2009	436	287	65.8%	149	34.2%
2010	461	325	70.5%	136	29.5%
2011	396	273	68.9%	123	31.1%
2012	357	265	74.2%	92	25.8%
2013	405	302	74.6%	103	25.4%
2014	356	250	70.2%	106	29.8%
2015	383	279	72.8%	104	27.2%
2016	320	231	72.2%	89	27.8%
2017	333	234	70.3%	99	29.7%
2018	318	220	69.2%	98	30.8%
2019	289	199	68.9%	90	31.1%
Total	11,632	8,034	69.1%	3,598	30.9%

Figure 5 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2019, Reported through June 30, 2020

Number and Percent by Race/Ethnicity of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2019, as Reported through June 30, 2020

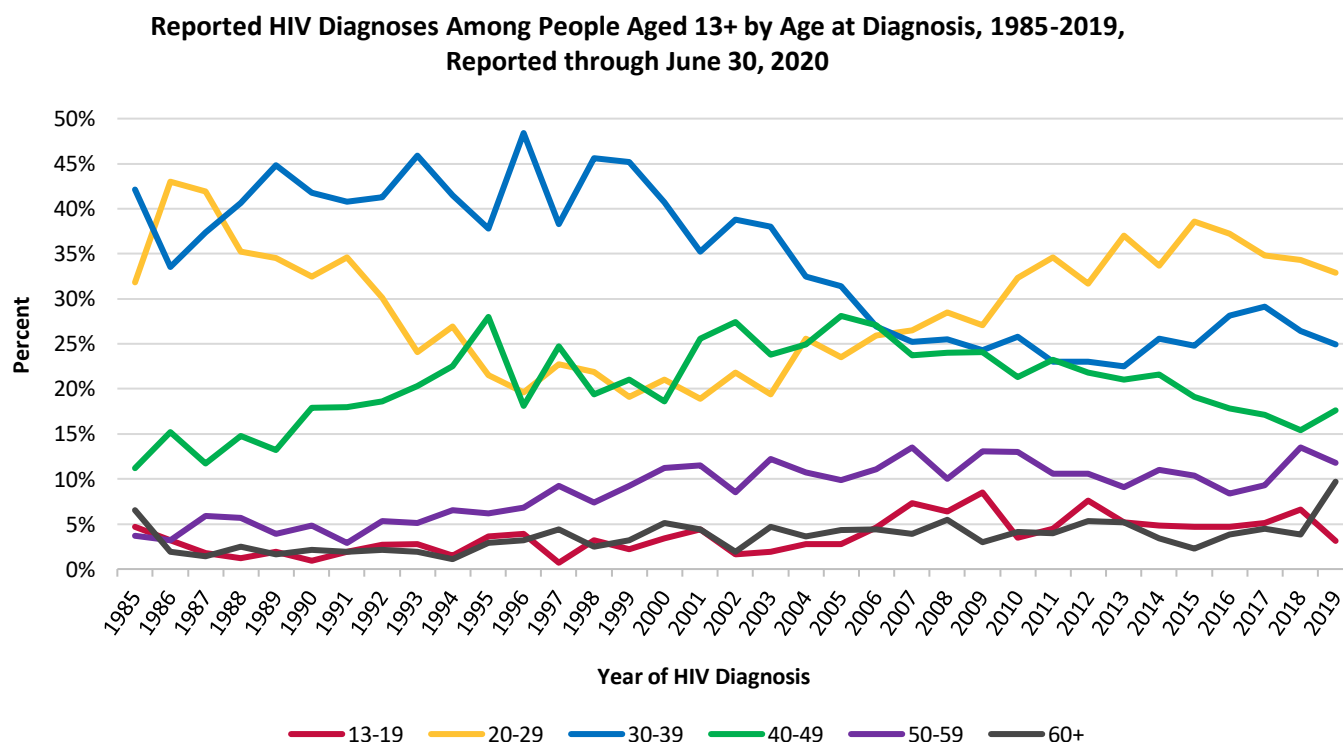
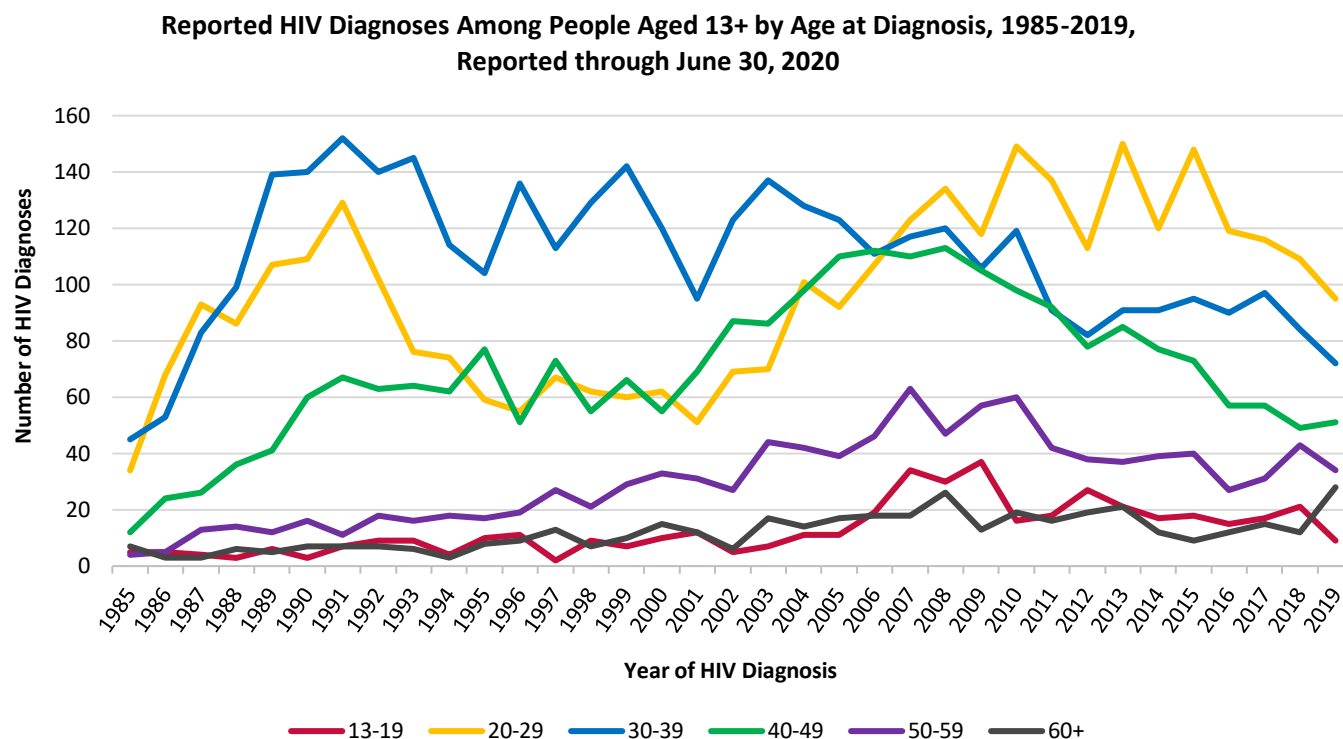


Non-Hispanic Other race not shown

Reported HIV Diagnoses Among People Aged 13+									
Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<1985	74	2	2.7%	52	70.3%	17	23.0%	3	4.1%
1985	107	6	5.6%	68	63.6%	30	28.0%	3	2.8%
1986	158	5	3.2%	105	66.5%	46	29.1%	2	1.3%
1987	222	6	2.7%	145	65.3%	68	30.6%	3	1.4%
1988	244	11	4.5%	172	70.5%	56	23.0%	5	2.0%
1989	310	7	2.3%	233	75.2%	65	21.0%	5	1.6%
1990	335	5	1.5%	255	76.1%	64	19.1%	11	3.3%
1991	373	8	2.1%	299	80.2%	57	15.3%	9	2.4%
1992	339	14	4.1%	277	81.7%	41	12.1%	7	2.1%
1993	316	10	3.2%	268	84.8%	31	9.8%	7	2.2%
1994	275	4	1.5%	232	84.4%	33	12.0%	6	2.2%
1995	275	9	3.3%	246	89.5%	13	4.7%	7	2.5%
1996	281	8	2.8%	245	87.2%	20	7.1%	8	2.8%
1997	295	13	4.4%	249	84.4%	22	7.5%	11	3.7%
1998	283	17	6.0%	247	87.3%	10	3.5%	9	3.2%
1999	314	15	4.8%	276	87.9%	14	4.5%	9	2.9%
2000	295	19	6.4%	248	84.1%	15	5.1%	13	4.4%
2001	270	7	2.6%	239	88.5%	8	3.0%	16	5.9%
2002	317	14	4.4%	275	86.8%	16	5.0%	12	3.8%
2003	361	22	6.1%	314	87.0%	10	2.8%	15	4.2%
2004	394	22	5.6%	343	87.1%	14	3.6%	15	3.8%
2005	392	18	4.6%	341	87.0%	14	3.6%	19	4.8%
2006	413	32	7.7%	354	85.7%	15	3.6%	12	2.9%
2007	465	35	7.5%	400	86.0%	18	3.9%	12	2.6%
2008	470	52	11.1%	380	80.9%	12	2.6%	26	5.5%
2009	436	38	8.7%	362	83.0%	15	3.4%	21	4.8%
2010	461	31	6.7%	385	83.5%	18	3.9%	27	5.9%
2011	396	46	11.6%	310	78.3%	20	5.1%	20	5.1%
2012	357	26	7.3%	297	83.2%	13	3.6%	21	5.9%
2013	405	27	6.7%	344	84.9%	13	3.2%	21	5.2%
2014	356	31	8.7%	300	84.3%	10	2.8%	15	4.2%
2015	383	33	8.6%	330	86.2%	10	2.6%	10	2.6%
2016	320	23	7.2%	283	88.4%	4	1.3%	10	3.1%
2017	333	37	11.1%	271	81.4%	12	3.6%	13	3.9%
2018	318	24	7.5%	272	85.5%	13	4.1%	9	2.8%
2019	289	32	11.1%	240	83.0%	10	3.5%	7	2.4%
Total	11,632	709	6.1%	9,657	83.0%	847	7.3%	419	3.6%

Figure 6 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, 1985-2019, Reported through June 30, 2020

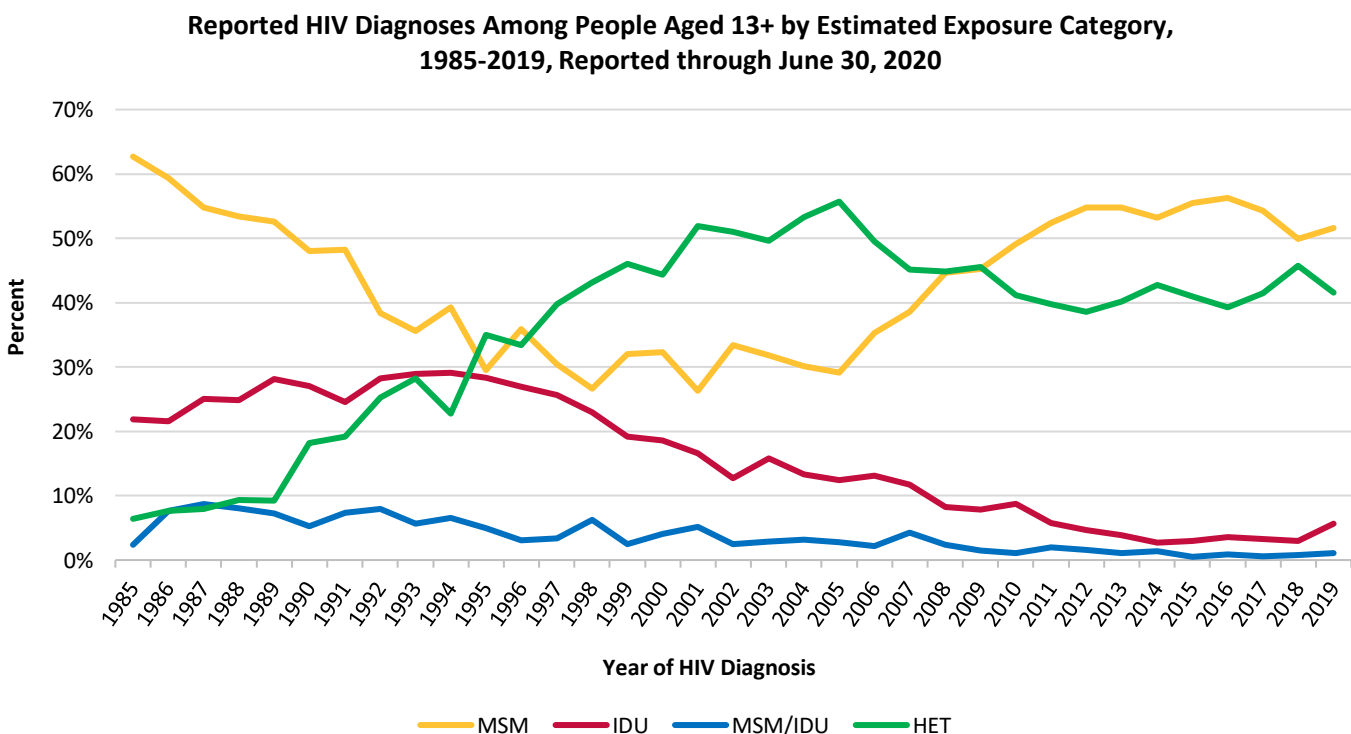
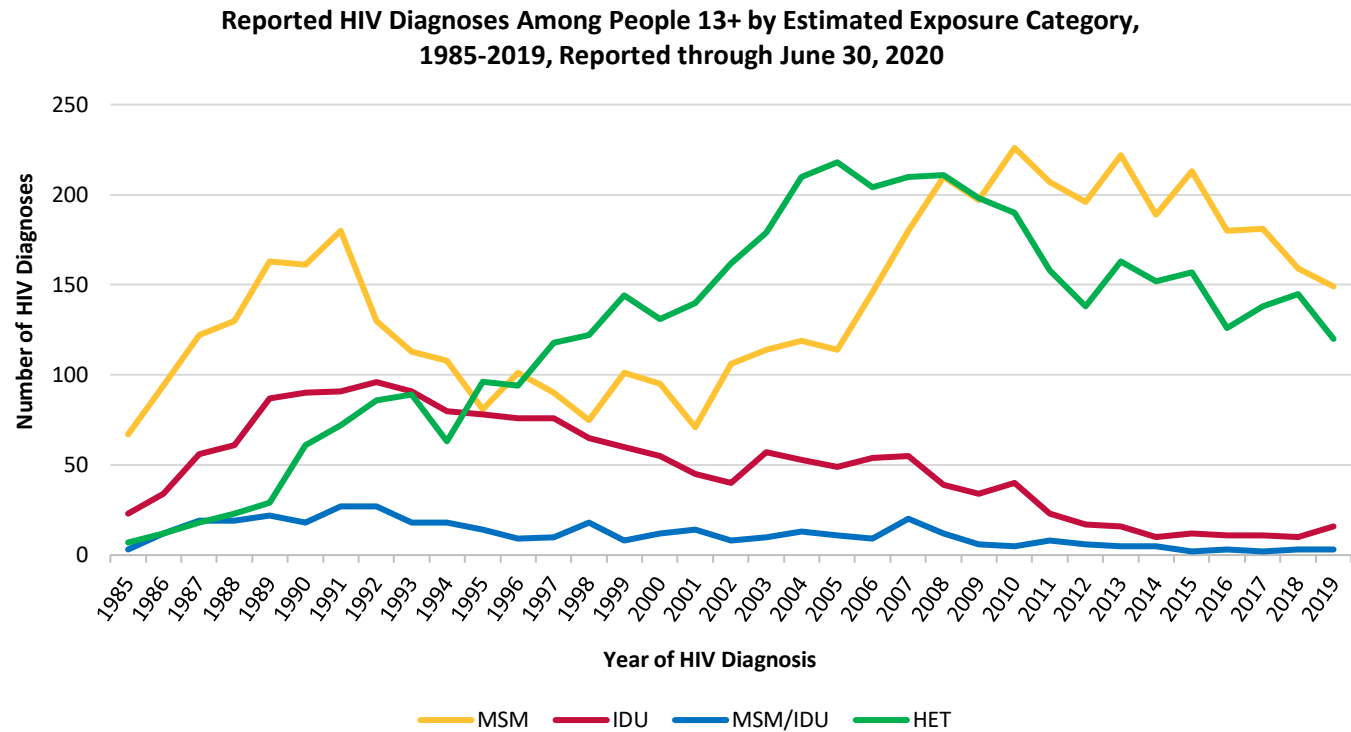
Number and Percent by Age at HIV Diagnosis of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2019, as Reported through June 30, 2020



Reported HIV Diagnoses Among People Aged 13+													
Year of HIV Diagnosis	No.	Age at HIV Diagnosis											
		13-19		20-29		30-39		40-49		50-59		60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	74	8	10.8%	30	40.5%	22	29.7%	12	16.2%	1	1.4%	1	1.4%
1985	107	5	4.7%	34	31.8%	45	42.1%	12	11.2%	4	3.7%	7	6.5%
1986	158	5	3.2%	68	43.0%	53	33.5%	24	15.2%	5	3.2%	3	1.9%
1987	222	4	1.8%	93	41.9%	83	37.4%	26	11.7%	13	5.9%	3	1.4%
1988	244	3	1.2%	86	35.2%	99	40.6%	36	14.8%	14	5.7%	6	2.5%
1989	310	6	1.9%	107	34.5%	139	44.8%	41	13.2%	12	3.9%	5	1.6%
1990	335	3	0.9%	109	32.5%	140	41.8%	60	17.9%	16	4.8%	7	2.1%
1991	373	7	1.9%	129	34.6%	152	40.8%	67	18.0%	11	2.9%	7	1.9%
1992	339	9	2.7%	102	30.1%	140	41.3%	63	18.6%	18	5.3%	7	2.1%
1993	316	9	2.8%	76	24.1%	145	45.9%	64	20.3%	16	5.1%	6	1.9%
1994	275	4	1.5%	74	26.9%	114	41.5%	62	22.5%	18	6.5%	3	1.1%
1995	275	10	3.6%	59	21.5%	104	37.8%	77	28.0%	17	6.2%	8	2.9%
1996	281	11	3.9%	55	19.6%	136	48.4%	51	18.1%	19	6.8%	9	3.2%
1997	295	2	0.7%	67	22.7%	113	38.3%	73	24.7%	27	9.2%	13	4.4%
1998	283	9	3.2%	62	21.9%	129	45.6%	55	19.4%	21	7.4%	7	2.5%
1999	314	7	2.2%	60	19.1%	142	45.2%	66	21.0%	29	9.2%	10	3.2%
2000	295	10	3.4%	62	21.0%	120	40.7%	55	18.6%	33	11.2%	15	5.1%
2001	270	12	4.4%	51	18.9%	95	35.2%	69	25.6%	31	11.5%	12	4.4%
2002	317	5	1.6%	69	21.8%	123	38.8%	87	27.4%	27	8.5%	6	1.9%
2003	361	7	1.9%	70	19.4%	137	38.0%	86	23.8%	44	12.2%	17	4.7%
2004	394	11	2.8%	101	25.6%	128	32.5%	98	24.9%	42	10.7%	14	3.6%
2005	392	11	2.8%	92	23.5%	123	31.4%	110	28.1%	39	9.9%	17	4.3%
2006	413	19	4.6%	107	25.9%	111	26.9%	112	27.1%	46	11.1%	18	4.4%
2007	465	34	7.3%	123	26.5%	117	25.2%	110	23.7%	63	13.5%	18	3.9%
2008	470	30	6.4%	134	28.5%	120	25.5%	113	24.0%	47	10.0%	26	5.5%
2009	436	37	8.5%	118	27.1%	106	24.3%	105	24.1%	57	13.1%	13	3.0%
2010	461	16	3.5%	149	32.3%	119	25.8%	98	21.3%	60	13.0%	19	4.1%
2011	396	18	4.5%	137	34.6%	91	23.0%	92	23.2%	42	10.6%	16	4.0%
2012	357	27	7.6%	113	31.7%	82	23.0%	78	21.8%	38	10.6%	19	5.3%
2013	405	21	5.2%	150	37.0%	91	22.5%	85	21.0%	37	9.1%	21	5.2%
2014	356	17	4.8%	120	33.7%	91	25.6%	77	21.6%	39	11.0%	12	3.4%
2015	383	18	4.7%	148	38.6%	95	24.8%	73	19.1%	40	10.4%	9	2.3%
2016	320	15	4.7%	119	37.2%	90	28.1%	57	17.8%	27	8.4%	12	3.8%
2017	333	17	5.1%	116	34.8%	97	29.1%	57	17.1%	31	9.3%	15	4.5%
2018	318	21	6.6%	109	34.3%	84	26.4%	49	15.4%	43	13.5%	12	3.8%
2019	289	9	3.1%	95	32.9%	72	24.9%	51	17.6%	34	11.8%	28	9.7%
Total	11,632	457	3.9%	3,394	29.2%	3,848	33.1%	2,451	21.1%	1,061	9.1%	421	3.6%

Figure 7 – Trends in Reported HIV Diagnoses, Among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2019, Reported through June 30, 2020

Number and Percent by Estimated Exposure Category[§] of People Diagnosed with HIV, Age 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2019, as Reported through June 30, 2020



Other exposure category not shown

§ Multiple imputation was used to estimate and adjust for missing exposure category.

Year of HIV Diagnosis	No.	% with No Reported Exposure [*]	Reported HIV Diagnoses Among People Aged 13+									
			Estimated Exposure Category [§]									
			MSM		IDU		MSM/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	74	10.8%	50	67.0%	12	16.5%	4	5.8%	6	8.0%	2	2.7%
1985	107	8.4%	67	62.7%	23	21.9%	3	2.4%	7	6.4%	7	6.5%
1986	158	3.8%	94	59.4%	34	21.6%	12	7.6%	12	7.6%	6	3.8%
1987	222	2.7%	122	54.8%	56	25.0%	19	8.7%	18	7.9%	8	3.6%
1988	244	2.9%	130	53.4%	61	24.8%	19	8.0%	23	9.3%	11	4.5%
1989	310	6.5%	163	52.6%	87	28.1%	22	7.2%	29	9.2%	9	2.9%
1990	335	3.9%	161	48.0%	90	27.0%	18	5.3%	61	18.2%	5	1.5%
1991	373	5.4%	180	48.2%	91	24.5%	27	7.3%	72	19.2%	3	0.8%
1992	339	9.4%	130	38.4%	96	28.2%	27	7.9%	86	25.2%	1	0.3%
1993	316	8.5%	113	35.6%	91	28.9%	18	5.7%	89	28.2%	5	1.6%
1994	275	7.6%	108	39.3%	80	29.1%	18	6.5%	63	22.8%	6	2.2%
1995	275	12.4%	81	29.5%	78	28.3%	14	5.0%	96	35.0%	6	2.2%
1996	281	16.4%	101	35.9%	76	26.9%	9	3.1%	94	33.4%	2	0.7%
1997	295	15.9%	90	30.4%	76	25.6%	10	3.4%	118	39.8%	2	0.7%
1998	283	21.2%	75	26.6%	65	23.0%	18	6.2%	122	43.1%	3	1.1%
1999	314	15.9%	101	32.0%	60	19.2%	8	2.5%	144	46.0%	1	0.3%
2000	295	18.6%	95	32.3%	55	18.6%	12	4.1%	131	44.3%	2	0.7%
2001	270	15.9%	71	26.3%	45	16.6%	14	5.2%	140	51.9%	0	0.0%
2002	317	11.7%	106	33.4%	40	12.7%	8	2.5%	162	51.0%	1	0.3%
2003	361	13.9%	114	31.8%	57	15.8%	10	2.9%	179	49.6%	0	0.0%
2004	394	19.8%	119	30.1%	53	13.3%	13	3.2%	210	53.3%	0	0.0%
2005	392	24.0%	114	29.1%	49	12.4%	11	2.8%	218	55.7%	0	0.0%
2006	413	28.1%	146	35.3%	54	13.1%	9	2.2%	204	49.5%	0	0.0%
2007	465	27.3%	180	38.6%	55	11.7%	20	4.3%	210	45.1%	1	0.2%
2008	470	34.3%	210	44.6%	39	8.2%	12	2.4%	211	44.8%	0	0.0%
2009	436	37.2%	197	45.2%	34	7.8%	6	1.5%	198	45.5%	0	0.0%
2010	461	36.2%	226	49.1%	40	8.7%	5	1.1%	190	41.2%	0	0.0%
2011	396	36.6%	207	52.4%	23	5.8%	8	2.0%	158	39.8%	0	0.0%
2012	357	28.0%	196	54.8%	17	4.7%	6	1.6%	138	38.6%	1	0.3%
2013	405	24.2%	222	54.8%	16	3.9%	5	1.1%	163	40.2%	0	0.0%
2014	356	22.5%	189	53.2%	10	2.7%	5	1.4%	152	42.7%	0	0.0%
2015	383	14.9%	213	55.5%	12	3.0%	2	0.5%	157	41.0%	0	0.0%
2016	320	18.8%	180	56.3%	11	3.6%	3	0.9%	126	39.3%	0	0.0%
2017	333	20.7%	181	54.3%	11	3.3%	2	0.6%	138	41.5%	1	0.3%
2018	318	19.5%	159	49.9%	10	3.0%	3	0.8%	145	45.7%	2	0.6%
2019	289	47.1%	149	51.6%	16	5.7%	3	1.1%	120	41.6%	0	0.0%
Total	11,632	19.8%	5,040	43.3%	1,723	14.8%	403	3.5%	4,390	37.7%	85	0.7%

§ Multiple imputation was used to estimate and adjust for missing transmission category.

*Percent with no reported exposure prior to multiple imputation adjustment.

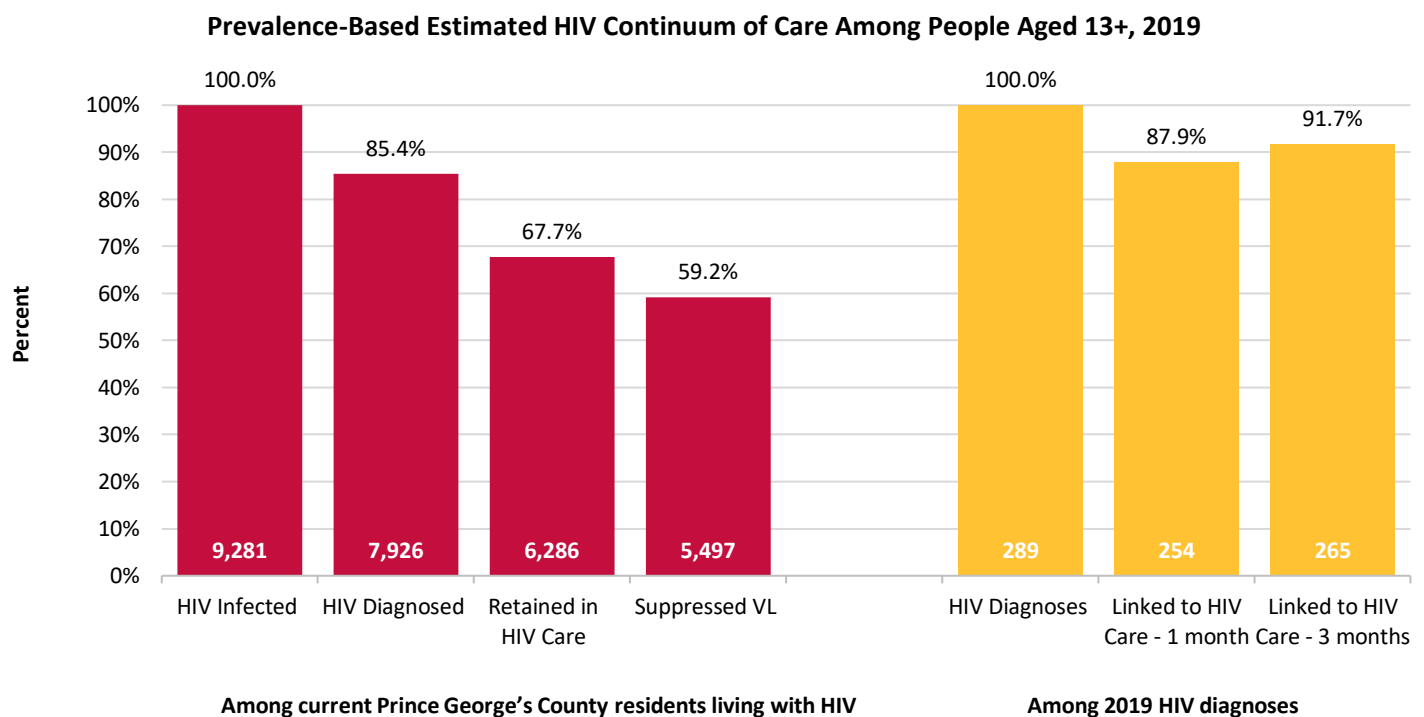
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

Section III – Continuum of Care Cascades

In their 2011 article in Clinical Infectious Diseases, Gardner et al.¹ utilize a continuum of care “cascade” to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Figure 8 – Prevalence-Based Estimated 2019 HIV Continuum of Care Cascades, Among Current Prince George’s County Residents Aged 13+, Reported through June 30, 2020

The prevalence-based Prince George’s County Engagement in HIV Care Cascades (below) apply the Centers for Disease Control and Prevention (CDC) CD4 depletion model to Maryland surveillance data, reported through June 30, 2020, to estimate the number of people living with undiagnosed HIV (10.8 percent) and the estimated number of people living with HIV currently residing in Prince George’s County. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Prince George’s County on December 31, 2019 and the number and percentage of new HIV diagnoses in 2019 who belong to each of the stages of engagement in HIV care.

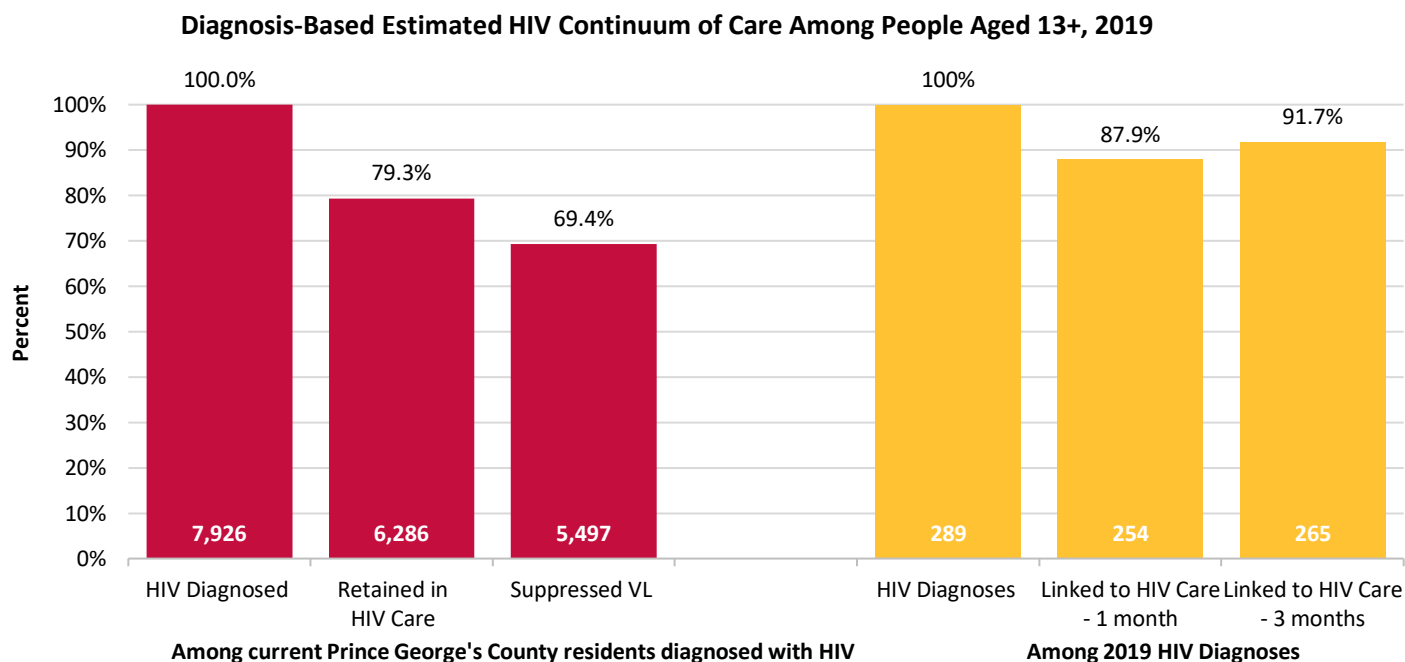


Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2019 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Infected	9,281	100.0%	New HIV Diagnoses	289	100.0%
HIV Diagnosed	7,926	85.4%	Linked to HIV Care – 1 Month	254	87.9%
Retained in HIV Care	6,286	67.7%	Linked to HIV Care – 3 Months	265	91.7%
Suppressed VL	5,497	59.2%			

¹ Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” Clin Infect Dis. 2011; 52 (6): 793-800.

Figure 9 – Diagnosis-Based Estimated 2019 HIV Continuum of Care Cascades, Among Current Prince George’s County Residents Aged 13+, Reported through June 30, 2020

The diagnosis-based Prince George’s County Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Prince George’s County residents to describe the number and percentage of persons living with diagnosed HIV in Prince George’s County on December 31, 2019 and the number and percentage of new HIV diagnoses in 2019 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2019 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	7,926	100.0%	New HIV Diagnoses	289	100.0%
Retained in HIV Care	6,286	79.3%	Linked to HIV Care – 1 Month	254	87.9%
Suppressed VL	5,497	69.4%	Linked to HIV Care – 3 Months	265	91.7%

Section IV – By ZIP Code

Table 1 – Reported HIV Diagnoses and Reported AIDS Diagnoses, Among People Aged 13+ During 2019, by ZIP Code of Residence at Diagnosis, Reported through June 30, 2020

ZIP Code of Residence at Diagnosis	Population Age 13+	Reported HIV Diagnoses Among People Aged 13+			Reported AIDS Diagnoses Among People Aged 13+		
		No.	% of Total	Rate	No.	% of Total	Rate
20601	265	0	0.0%	0.0	0	0.0%	0.0
20607	8,653	1	0.3%	11.6	0	0.0%	0.0
20608	848	0	0.0%	0.0	0	0.0%	0.0
20613	9,099	2	0.7%	22.0	1	0.8%	11.0
20623	2,457	0	0.0%	0.0	0	0.0%	0.0
20705	22,684	8	2.8%	35.3	4	3.1%	17.6
20706	33,109	17	5.9%	51.3	4	3.1%	12.1
20707	27,561	5	1.7%	18.1	2	1.5%	7.3
20708	21,776	6	2.1%	27.6	0	0.0%	0.0
20710	7,886	2	0.7%	25.4	1	0.8%	12.7
20712	7,913	3	1.0%	37.9	1	0.8%	12.6
20715	23,781	3	1.0%	12.6	1	0.8%	4.2
20716	18,144	6	2.1%	33.1	3	2.3%	16.5
20720	18,245	7	2.4%	38.4	0	0.0%	0.0
20721	23,927	1	0.3%	4.2	1	0.8%	4.2
20722	4,966	3	1.0%	60.4	1	0.8%	20.1
20735	31,791	7	2.4%	22.0	5	3.8%	15.7
20737	17,145	6	2.1%	35.0	4	3.1%	23.3
20740	27,920	7	2.4%	25.1	2	1.5%	7.2
20742	8,285	0	0.0%	0.0	0	0.0%	0.0
20743	33,794	16	5.5%	47.3	8	6.1%	23.7
20744	45,704	14	4.8%	30.6	1	0.8%	2.2
20745	25,111	9	3.1%	35.8	4	3.1%	15.9
20746	25,094	13	4.5%	51.8	7	5.3%	27.9
20747	34,847	16	5.5%	45.9	9	6.9%	25.8
20748	34,891	19	6.6%	54.5	11	8.4%	31.5
20762	2,156	1	0.3%	46.4	0	0.0%	0.0
20769	5,766	1	0.3%	17.3	1	0.8%	17.3
20770	22,199	8	2.8%	36.0	2	1.5%	9.0
20772	37,693	11	3.8%	29.2	3	2.3%	8.0
20774	38,311	17	5.9%	44.4	7	5.3%	18.3
20781	9,937	9	3.1%	90.6	2	1.5%	20.1
20782	27,038	16	5.5%	59.2	11	8.4%	40.7
20783	39,148	13	4.5%	33.2	6	4.6%	15.3
20784	24,982	14	4.8%	56.0	11	8.4%	44.0
20785	30,037	25	8.7%	83.2	16	12.2%	53.3
20903	4,596	2	0.7%	43.5	1	0.8%	21.8
20904	275	0	0.0%	0.0	0	0.0%	0.0
20912	3,002	0	0.0%	0.0	0	0.0%	0.0
Unknown	--	1	0.3%	--	1	0.8%	--
Total	761,035	289	100.0%	38.0	131	100.0%	17.2

Table 2 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, Linked to Care, Late Diagnosis, First CD4 Test Result, and Mean Years from HIV Diagnosis by ZIP Code of Residence at Diagnosis, Reported through June 30, 2020

ZIP Code of Residence at HIV Diagnosis	Reported HIV Diagnoses Among People Aged 13+					
	No.	Linked to Care		% Late HIV Diagnoses	First CD4 Test Result	
		% 1 month	% 3 months		% with Test	Median Count
20705	8	87.5%	100.0%	***	100.0%	267
20706	17	100.0%	100.0%	***	88.2%	406
20707	5	***	100.0%	0.0%	100.0%	659
20708	6	83.3%	83.3%	0.0%	83.3%	775
20716	6	83.3%	100.0%	***	100.0%	461
20720	7	100.0%	100.0%	0.0%	100.0%	446
20735	7	100.0%	100.0%	***	100.0%	383
20737	6	***	83.3%	***	100.0%	327
20740	7	100.0%	100.0%	***	100.0%	356
20743	16	81.3%	87.5%	***	87.5%	281
20744	14	78.6%	92.9%	***	85.7%	446
20745	9	88.9%	88.9%	***	88.9%	366
20746	13	100.0%	100.0%	***	100.0%	404
20747	16	56.3%	62.5%	***	81.3%	439
20748	19	84.2%	89.5%	***	94.7%	378
20770	8	62.5%	62.5%	***	62.5%	209
20772	11	100.0%	100.0%	***	100.0%	532
20774	17	94.1%	94.1%	***	94.1%	443
20781	9	88.9%	88.9%	***	88.9%	454
20782	16	93.8%	93.8%	***	87.5%	418
20783	13	84.6%	92.3%	38.5%	100.0%	248
20784	14	92.9%	100.0%	42.9%	100.0%	268
20785	25	96.0%	100.0%	36.0%	100.0%	378
Jurisdiction Total	289	87.9%	91.7%	21.8%	92.0%	395

Note. Only ZIP codes with five or more reported HIV diagnoses have been included.

*** Data withheld due to low population counts and/or small numbers

Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by ZIP Code of Residence at Diagnosis and Current Residence, Reported through June 30, 2020

ZIP Code of Residence	Population Age 13+	Total People Aged 13+ Living with Diagnosed HIV								
		Residence at Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
20601	265	***	***	***	***	***	***	***	***	***
20607	8,653	45	0.6%	520.1	192	75	0.9%	866.8	115	66.7%
20608	848	***	***	***	***	***	***	***	***	***
20613	9,099	45	0.6%	494.5	202	67	0.8%	736.3	136	48.9%
20623	2,457	15	0.2%	610.6	164	16	0.2%	651.3	154	6.7%
20705	22,684	142	1.8%	626.0	160	174	2.2%	767.1	130	22.5%
20706	33,109	363	4.7%	1,096.4	91	359	4.5%	1,084.3	92	-1.1%
20707	27,561	155	2.0%	562.4	178	182	2.3%	660.4	151	17.4%
20708	21,776	191	2.5%	877.1	114	192	2.4%	881.7	113	0.5%
20710	7,886	98	1.3%	1,242.6	80	93	1.2%	1,179.2	85	-5.1%
20712	7,913	132	1.7%	1,668.2	60	88	1.1%	1,112.1	90	-33.3%
20715	23,781	70	0.9%	294.4	340	73	0.9%	307.0	326	4.3%
20716	18,144	111	1.4%	611.8	163	128	1.6%	705.5	142	15.3%
20720	18,245	97	1.2%	531.6	188	128	1.6%	701.6	143	32.0%
20721	23,927	166	2.1%	693.8	144	190	2.4%	794.1	126	14.5%
20722	4,966	53	0.7%	1,067.2	94	58	0.7%	1,167.9	86	9.4%
20735	31,791	257	3.3%	808.4	124	337	4.3%	1,060.1	94	31.1%
20737	17,145	183	2.4%	1,067.4	94	148	1.9%	863.2	116	-19.1%
20740	27,920	118	1.5%	422.6	237	121	1.5%	433.4	231	2.5%
20742	8,285	6	0.1%	72.4	1,381	0	0.0%	0.0	--	-100.0%
20743	33,794	612	7.9%	1,811.0	55	588	7.4%	1,739.9	57	-3.9%
20744	45,704	381	4.9%	833.6	120	396	5.0%	866.4	115	3.9%
20745	25,111	367	4.7%	1,461.5	68	323	4.1%	1,286.3	78	-12.0%
20746	25,094	421	5.4%	1,677.7	60	459	5.8%	1,829.1	55	9.0%
20747	34,847	521	6.7%	1,495.1	67	574	7.2%	1,647.2	61	10.2%
20748	34,891	471	6.1%	1,349.9	74	440	5.6%	1,261.1	79	-6.6%
20762	2,156	4	0.1%	185.5	539	3	0.0%	139.1	719	-25.0%
20769	5,766	21	0.3%	364.2	275	33	0.4%	572.3	175	57.1%
20770	22,199	243	3.1%	1,094.6	91	246	3.1%	1,108.2	90	1.2%
20772	37,693	273	3.5%	724.3	138	349	4.4%	925.9	108	27.8%
20774	38,311	362	4.7%	944.9	106	482	6.1%	1,258.1	79	33.1%
20781	9,937	93	1.2%	935.9	107	104	1.3%	1,046.6	96	11.8%
20782	27,038	341	4.4%	1,261.2	79	310	3.9%	1,146.5	87	-9.1%
20783	39,148	354	4.6%	904.3	111	259	3.3%	661.6	151	-26.8%
20784	24,982	350	4.5%	1,401.0	71	293	3.7%	1,172.8	85	-16.3%
20785	30,037	573	7.4%	1,907.7	52	500	6.3%	1,664.6	60	-12.7%
20903	4,596	23	0.3%	500.5	200	36	0.5%	783.3	128	56.5%
20904	275	0	0.0%	0.0	--	***	***	***	***	***
20912	3,002	53	0.7%	1,765.5	57	37	0.5%	1,232.5	81	-30.2%
Unknown	--	65	0.8%	--	--	58	0.7%	--	--	--
Total	761,035	7,779	100.0%	1,022.2	98	7,926	100.0%	1,041.5	96	1.9%

Table 4 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by ZIP Code of Current Residence, Reported through June 30, 2020

ZIP Code of Current Residence	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
20601	***	***	***	***	***	***	***	***
20607	75	60	80.0%	655	5.0%	5.0%	21.7%	68.3%
20608	***	***	***	***	***	***	***	***
20613	67	55	82.1%	692	7.3%	10.9%	12.7%	69.1%
20623	16	12	75.0%	575	8.3%	8.3%	16.7%	66.7%
20705	174	132	75.9%	555	8.3%	11.4%	21.2%	59.1%
20706	359	291	81.1%	572	8.2%	14.1%	17.9%	59.8%
20707	182	143	78.6%	659	7.0%	11.9%	9.8%	71.3%
20708	192	137	71.4%	631	4.4%	12.4%	12.4%	70.8%
20710	93	78	83.9%	541	7.7%	9.0%	29.5%	53.8%
20712	88	65	73.9%	593	10.8%	9.2%	20.0%	60.0%
20715	73	55	75.3%	644	5.5%	3.6%	20.0%	70.9%
20716	128	105	82.0%	664	3.8%	14.3%	11.4%	70.5%
20720	128	104	81.3%	594	3.8%	13.5%	20.2%	62.5%
20721	190	146	76.8%	660	5.5%	14.4%	15.1%	65.1%
20722	58	46	79.3%	756	8.7%	6.5%	10.9%	73.9%
20735	337	255	75.7%	594	10.2%	7.1%	18.0%	64.7%
20737	148	107	72.3%	577	10.3%	13.1%	17.8%	58.9%
20740	121	95	78.5%	584	6.3%	12.6%	17.9%	63.2%
20742	0	--	--	--	--	--	--	--
20743	588	470	79.9%	589	9.6%	10.4%	17.2%	62.8%
20744	396	313	79.0%	632	6.7%	14.7%	11.8%	66.8%
20745	323	250	77.4%	635	5.2%	12.4%	16.0%	66.4%
20746	459	343	74.7%	623	7.9%	10.2%	16.9%	65.0%
20747	574	452	78.7%	620	6.0%	13.3%	16.8%	63.9%
20748	440	322	73.2%	623	8.4%	8.1%	15.5%	68.0%
20762	3	***	***	***	***	***	***	***
20769	33	28	84.8%	669	0.0%	10.7%	17.9%	71.4%
20770	246	178	72.4%	621	7.3%	9.0%	18.5%	65.2%
20772	349	286	81.9%	669	5.6%	8.4%	12.6%	73.4%
20774	482	379	78.6%	600	6.9%	11.9%	15.0%	66.2%
20781	104	72	69.2%	645	4.2%	11.1%	16.7%	68.1%
20782	310	234	75.5%	591	9.0%	12.0%	17.9%	61.1%
20783	259	185	71.4%	549	5.9%	16.8%	19.5%	57.8%
20784	293	222	75.8%	614	7.2%	13.5%	16.7%	62.6%
20785	500	382	76.4%	663	7.9%	9.7%	14.7%	67.8%
20903	36	26	72.2%	509	7.7%	26.9%	15.4%	50.0%
20904	***	***	***	***	***	***	***	***
20912	37	28	75.7%	482	14.3%	10.7%	25.0%	50.0%
Unknown	56	43	76.8%	717	7.0%	2.3%	11.6%	79.1%
Total	7,926	6,108	77.1%	617	7.3%	11.3%	16.3%	65.1%

Table 5 – Viral Load Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by ZIP Code of Current Residence, Reported through June 30, 2020

ZIP Code of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
20601	***	***	***	***	***
20607	75	60	80.0%	91.7%	5,200
20608	***	***	***	***	***
20613	67	55	82.1%	100.0%	--
20623	16	12	75.0%	91.7%	6,790
20705	174	132	75.9%	87.1%	1,090
20706	359	294	81.9%	88.1%	11,914
20707	182	146	80.2%	89.7%	7,060
20708	192	139	72.4%	89.9%	1,062
20710	93	78	83.9%	88.5%	7,960
20712	88	65	73.9%	86.2%	26,100
20715	73	58	79.5%	94.8%	6,190
20716	128	107	83.6%	93.5%	1,210
20720	128	105	82.0%	94.3%	15,380
20721	190	147	77.4%	91.2%	2,120
20722	58	47	81.0%	80.9%	5,848
20735	337	261	77.4%	88.5%	5,355
20737	148	107	72.3%	88.8%	9,577
20740	121	95	78.5%	88.4%	4,470
20742	0	--	--	--	--
20743	588	477	81.1%	85.7%	6,190
20744	396	314	79.3%	87.9%	11,218
20745	323	253	78.3%	90.5%	11,859
20746	459	340	74.1%	88.8%	16,950
20747	574	458	79.8%	89.7%	11,900
20748	440	332	75.5%	89.5%	14,043
20762	3	***	***	***	***
20769	33	28	84.8%	89.3%	1,170
20770	246	183	74.4%	89.6%	3,590
20772	349	290	83.1%	87.6%	1,490
20774	482	387	80.3%	91.2%	6,759
20781	104	72	69.2%	86.1%	19,700
20782	310	241	77.7%	84.2%	5,958
20783	259	188	72.6%	89.9%	7,780
20784	293	221	75.4%	86.9%	3,090
20785	500	385	77.0%	90.1%	13,250
20903	36	26	72.2%	76.9%	1,230
20904	***	***	***	***	***
20912	37	28	75.7%	85.7%	244,250
Unknown	56	43	76.8%	93.0%	47,130
Total	7,926	6,183	78.0%	88.9%	7,500

Section V – By Age

Table 6 – Reported HIV Diagnoses During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2020

Age at HIV Diagnosis	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 month	% 3 months		% with Test	Median Count
<5 (Pediatric)	59,294	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	88,998	0	0.0%	0.0	--	--	--	--	--
13-19	79,332	9	3.1%	11.3	88.9%	88.9%	0.0%	88.9%	422
20-29	126,658	95	32.9%	75.0	86.3%	91.6%	15.8%	90.5%	396
30-39	128,151	72	24.9%	56.2	90.3%	94.4%	20.8%	94.4%	413
40-49	118,685	51	17.6%	43.0	86.3%	88.2%	27.5%	90.2%	277
50-59	126,593	34	11.8%	26.9	91.2%	91.2%	23.5%	94.1%	448
60+	181,616	28	9.7%	15.4	85.7%	92.9%	39.3%	92.9%	347
Total	909,327	289	100.0%	31.8	87.9%	91.7%	21.8%	92.0%	395

*** Data withheld due to low population counts and/or small numbers

Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2019, by Age on December 31, 2019, Reported through June 30, 2020

Age on December 31, 2019	Population	Total People Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	59,294	1	0.0%	1.7	59,294
5-12 (Pediatric)	88,998	10	0.1%	11.2	8,900
13-19	79,332	48	0.6%	60.5	1,653
20-29	126,658	860	10.8%	679.0	147
30-39	128,151	1,805	22.7%	1,408.5	71
40-49	118,685	1,870	23.6%	1,575.6	63
50-59	126,593	2,057	25.9%	1,624.9	62
60+	181,616	1,286	16.2%	708.1	141
Total	909,327	7,937	100.0%	872.8	115

Table 8 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Age on December 31, 2019, Reported through June 30, 2020

Age on December 31, 2019	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	48	37	77.1%	618	2.7%	8.1%	24.3%	64.9%
20-29	860	664	77.2%	651	8.3%	7.7%	15.2%	68.8%
30-39	1,805	1,353	75.0%	626	7.0%	10.6%	16.1%	66.2%
40-49	1,870	1,414	75.6%	620	7.1%	11.5%	15.9%	65.5%
50-59	2,057	1,631	79.3%	602	7.8%	12.9%	16.2%	63.1%
60+	1,286	1,009	78.5%	603	6.5%	12.0%	17.4%	64.0%
Total	7,926	6,108	77.1%	617	7.3%	11.3%	16.3%	65.1%

Table 9 – Viral Load Test Results During 2019 for People Living with Diagnosed HIV, Alive on December 31, 2019, by Age on December 31, 2019, Reported through June 30, 2020

Age on December 31, 2019	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	48	40	83.3%	75.0%	6,080
20-29	860	678	78.8%	79.5%	10,765
30-39	1,805	1,372	76.0%	87.0%	11,757
40-49	1,870	1,432	76.6%	90.3%	7,990
50-59	2,057	1,643	79.9%	90.5%	2,715
60+	1,286	1,018	79.2%	93.8%	3,858
Total	7,926	6,183	78.0%	88.9%	7,500

Section VI – By Demographics

Table 10 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2020

Demographic Characteristics	Population Age 13+	Reported HIV Diagnoses Among People Aged 13+							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 month	% 3 months	%	% with Test	Median Count
Sex at Birth									
Male	361,771	199	68.9%	55.0	87.9%	91.5%	17.1%	92.0%	419
Female	399,263	90	31.1%	22.5	87.8%	92.2%	32.2%	92.2%	342
Gender									
Male	361,771	198	68.5%	54.7	87.9%	91.4%	17.2%	91.9%	418
Female	399,263	90	31.1%	22.5	***	***	***	***	***
Transfeminine	--	1	0.3%	0.0	***	***	***	***	***
Transmasculine	--	0	0.0%	0.0	--	--	--	--	--
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--
Race/Ethnicity									
Hispanic	130,062	32	11.1%	24.6	84.4%	90.6%	28.1%	87.5%	293
Non-Hispanic	630,973	257	88.9%	40.7	88.3%	91.8%	21.0%	92.6%	400
American Indian/Alaska Native, only	1,934	0	0.0%	0.0	--	--	--	--	--
Asian, only	34,128	3	1.0%	8.8	***	***	***	***	***
Black, only	481,361	240	83.0%	49.9	88.8%	92.1%	20.8%	92.9%	404
Native Hawaiian/Other Pacific Islander, only	322	0	0.0%	0.0	--	--	--	--	--
White, only	100,230	10	3.5%	10.0	80.0%	90.0%	***	90.0%	416
Multiracial/Other	12,998	4	1.4%	30.8	***	***	***	***	***
Total	761,035	289	100.0%	38.0	87.9%	91.7%	21.8%	92.0%	395
Country of Birth									
United States	563,408	200	69.2%	35.5	89.0%	93.0%	18.0%	91.5%	406
Foreign-Born	194,396	55	19.0%	28.3	90.9%	94.5%	30.9%	96.4%	378
Africa	--	39	13.5%	--	89.7%	92.3%	28.2%	94.9%	395
Asia	--	1	0.3%	--	***	***	***	***	***
Caribbean	--	4	1.4%	--	***	***	***	***	***
Central America	--	10	3.5%	--	100.0%	100.0%	***	100.0%	264
Other	--	1	0.3%	--	***	***	***	***	***
Unknown	--	34	11.8%	--	76.5%	79.4%	29.4%	88.2%	339
Total	757,805	289	100.0%	38.1	87.9%	91.7%	21.8%	92.0%	395

Note. Population data by sex at birth, age, and race/ethnicity are from the 2019 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2018 American Community Survey.

*** Data withheld due to low population counts and/or small numbers

Table 11 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2020

Reported HIV Diagnoses Among People Aged 13+								
Race/Ethnicity	Sex at Birth							
	Male				Female			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	70,355	22	11.1%	31.3	59,707	10	11.1%	16.7
Non-Hispanic	291,417	177	88.9%	60.7	339,557	80	88.9%	60.7
American Indian/Alaska Native, only	928	0	0.0%	0.0	1,006	0	0.0%	0.0
Asian, only	16,110	3	1.5%	18.6	18,018	0	0.0%	0.0
Black, only	218,584	162	81.4%	74.1	262,777	78	86.7%	29.7
Native Hawaiian/Other Pacific Islander, only	123	0	0.0%	0.0	199	0	0.0%	0.0
White, only	49,916	9	4.5%	18.0	50,314	1	1.1%	2.0
Multiracial/Other	5,756	3	1.5%	52.1	7,242	1	1.1%	13.8
Total	361,771	199	100.0%	55.0	399,263	90	100.0%	55.0

Note. Population data by sex at birth, age, and race/ethnicity are from the 2019 U.S. Census population estimates.

Table 12 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2019, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2020

Demographic Characteristics	Population Age 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
Sex at Birth					
Male	361,771	5,384	67.9%	1,488.2	67
Female	399,263	2,542	32.1%	636.7	157
Gender					
Male	361,771	5,327	67.2%	1,472.5	68
Female	399,263	2,539	32.0%	635.9	157
Transfeminine	--	57	0.7%	--	--
Transmasculine	--	3	0.0%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	130,062	634	8.0%	487.5	205
Non-Hispanic	630,973	7,292	92.0%	1,155.7	87
American Indian/Alaska Native, only	1,934	***	***	***	***
Asian, only	34,128	42	0.5%	123.1	813
Black, only	481,361	6,585	83.1%	1,368.0	73
Native Hawaiian/Other Pacific Islander, only	322	***	***	***	***
White, only	100,230	316	4.0%	315.3	317
Multiracial/Other	12,998	343	4.3%	2,638.8	38
Total	761,035	7,926	100.0%	1,041.5	96
Country of Birth					
United States	563,408	6,519	82.2%	1,157.1	86
Foreign-Born	194,396	1,179	14.9%	606.5	165
Africa	--	768	9.7%	--	--
Asia	--	33	0.4%	--	--
Caribbean	--	98	1.2%	--	--
Central America	--	214	2.7%	--	--
Other	--	66	0.8%	--	--
Unknown	--	228	2.9%	--	--
Total	757,805	7,926	100.0%	1,045.9	96

Note. Population data by sex at birth, age, and race/ethnicity are from the 2019 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2018 American Community Survey.

*** Data withheld due to low population counts and/or small numbers

Table 13 – People Aged 13+ Living with Diagnosed HIV Alive on December 31, 2019, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2020

Total People Aged 13+ Living with Diagnosed HIV								
Race/Ethnicity	Sex at Birth							
	Male				Female			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	70,355	496	9.2%	705.0	59,707	138	5.4%	231.1
Non-Hispanic	291,417	4,888	90.8%	1,677.3	339,557	2,404	94.6%	708.0
American Indian/Alaska Native, only	928	***	***	***	1,006	***	***	***
Asian, only	16,110	36	0.7%	223.5	18,018	6	0.2%	33.3
Black, only	218,584	4,313	80.1%	1,973.2	262,777	2,272	89.4%	864.6
Native Hawaiian/Other Pacific Islander, only	123	***	***	***	199	***	***	***
White, only	49,916	277	5.1%	554.9	50,314	39	1.5%	77.5
Multiracial/Other	5,756	257	4.8%	4,464.8	7,242	86	3.4%	1,187.5
Total	361,771	5,384	100.0%	1,488.2	399,263	2,542	100.0%	636.7

Note. Population data by sex at birth, age, and race/ethnicity are from the 2019 U.S. Census population estimates.

*** Data withheld due to low population counts and/or small numbers

Table 14 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2020

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Sex at Birth								
Male	5,384	4,135	76.8%	604	7.2%	11.8%	16.9%	64.2%
Female	2,542	1,973	77.6%	648	7.4%	10.4%	15.1%	67.2%
Gender								
Male	5,327	4,096	76.9%	604	7.3%	11.8%	16.8%	64.2%
Female	2,539	1,970	77.6%	648	7.4%	10.4%	15.1%	67.1%
Transfeminine	57	***	***	***	***	***	***	***
Transmasculine	3	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	634	480	75.7%	601	7.3%	11.9%	17.3%	63.5%
Non-Hispanic	7,292	5,628	77.2%	619	7.3%	11.3%	16.2%	65.3%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	42	35	83.3%	590	5.7%	14.3%	14.3%	65.7%
Black, only	6,585	5,081	77.2%	619	7.4%	11.4%	16.3%	64.9%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	316	234	74.1%	685	3.4%	6.8%	15.0%	74.8%
Multiracial/Other	343	275	80.2%	577	7.6%	13.5%	15.6%	63.3%
Country of Birth								
United States	6,519	5,066	77.7%	624	7.2%	11.2%	15.8%	65.9%
Foreign-Born	1,179	875	74.2%	594	7.3%	12.1%	19.0%	61.6%
Africa	768	558	72.7%	568	8.2%	12.9%	20.4%	58.4%
Asia	33	29	87.9%	596	6.9%	6.9%	24.1%	62.1%
Caribbean	98	80	81.6%	704	11.3%	6.3%	11.3%	71.3%
Central America	214	160	74.8%	584	3.8%	14.4%	18.8%	63.1%
Other	66	48	72.7%	709	2.1%	8.3%	12.5%	77.1%
Unknown	228	167	73.2%	603	8.4%	12.0%	18.0%	61.7%
Total	7,926	6,108	77.1%	617	7.3%	11.3%	16.3%	65.1%

*** Data withheld due to low population counts and/or small numbers

Table 15 – Viral Load Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2020

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Sex at Birth					
Male	5,384	4,185	77.7%	89.0%	7,780
Female	2,542	1,998	78.6%	88.7%	5,829
Gender					
Male	5,327	4,144	77.8%	89.0%	7,775
Female	2,539	1,995	78.6%	88.7%	5,829
Transfeminine	57	***	***	***	***
Transmasculine	3	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	634	486	76.7%	87.4%	3,993
Non-Hispanic	7,292	5,697	78.1%	89.0%	7,620
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	42	35	83.3%	91.4%	41,300
Black, only	6,585	5,141	78.1%	88.8%	7,780
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	316	238	75.3%	92.9%	838
Multiracial/Other	343	279	81.3%	90.0%	8,740
Country of Birth					
United States	6,519	5,133	78.7%	88.8%	7,780
Foreign-Born	1,179	884	75.0%	90.3%	3,293
Africa	768	561	73.0%	89.7%	2,395
Asia	33	30	90.9%	96.7%	220
Caribbean	98	80	81.6%	90.0%	4,105
Central America	214	165	77.1%	90.3%	3,704
Other	66	48	72.7%	93.8%	48,300
Unknown	228	166	72.8%	84.9%	16,500
Total	7,926	6,183	78.0%	88.9%	7,500

*** Data withheld due to low population counts and/or small numbers

Table 16 – Males Living with Diagnosed HIV by Age on December 31, 2019 and Race/Ethnicity, Alive on December 31, 2019, and Reported through June 30, 2020

Total Males Living with Diagnosed HIV						
Age on December 31, 2019		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	24,327	40,162	5,780	4,982	75,252
	Number	2	2	0	0	4
	Rate	8.2	5.0	0.0	0.0	5.3
	Ratio (1 in X)	12,164	20,081	--	--	18,813
13-19	Population	10,404	22,383	4,775	2,964	40,525
	Number	3	28	1	0	32
	Rate	28.8	125.1	20.9	0.0	79.0
	Ratio (1 in X)	3,468	799	4,775	--	1,266
20-29	Population	12,812	37,987	7,888	4,941	63,628
	Number	64	590	13	27	694
	Rate	499.5	1,553.2	164.8	546.4	1,090.7
	Ratio (1 in X)	200	64	607	183	92
30-39	Population	16,293	35,451	7,638	4,183	63,565
	Number	136	1,144	37	77	1,394
	Rate	834.7	3,227.0	484.4	1,840.8	2,193.0
	Ratio (1 in X)	120	31	206	54	46
40-49	Population	15,852	33,226	5,464	3,176	57,718
	Number	148	860	63	69	1,140
	Rate	933.6	2,588.3	1,153.0	2,172.5	1,975.1
	Ratio (1 in X)	107	39	87	46	51
50-59	Population	9,100	38,934	7,702	2,988	58,724
	Number	98	1,065	105	82	1,350
	Rate	1,076.9	2,735.4	1,363.3	2,744.3	2,298.9
	Ratio (1 in X)	93	37	73	36	43
60+	Population	5,894	50,603	16,449	4,665	77,611
	Number	47	626	58	43	774
	Rate	797.4	1,237.1	352.6	921.8	997.3
	Ratio (1 in X)	125	81	284	108	100
Total Males by Race/Ethnicity	Population	94,682	258,746	55,696	27,899	437,023
	Number	498	4,315	277	298	5,388
	Rate	526.0	1,667.7	497.3	1,068.1	1,232.9
	Ratio (1 in X)	190	60	201	94	81

Table 17 – Females Living with Diagnosed HIV by Age on December 31, 2019 and Race/Ethnicity, Alive on December 31, 2019, and Reported through June 30, 2020

Total Females Living with Diagnosed HIV					
Age on December 31, 2019		Race/Ethnicity			
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race
<13 (Pediatric)	Population	23,338	39,533	5,430	4,740
	Number	0	6	1	0
	Rate	0.0	15.2	18.4	0.0
	Ratio (1 in X)	--	6,589	5,430	--
13-19	Population	9,660	22,155	4,210	2,781
	Number	1	14	0	1
	Rate	10.4	63.2	0.0	36.0
	Ratio (1 in X)	9,660	1,583	--	2,781
20-29	Population	11,648	39,671	6,871	4,840
	Number	10	151	0	5
	Rate	85.9	380.6	0.0	103.3
	Ratio (1 in X)	1,165	263	--	968
30-39	Population	13,045	39,834	7,117	4,590
	Number	30	359	5	17
	Rate	230.0	901.2	70.3	370.4
	Ratio (1 in X)	435	111	1,423	270
40-49	Population	11,670	40,186	5,120	3,991
	Number	45	643	6	36
	Rate	385.6	1,600.1	117.2	902.0
	Ratio (1 in X)	259	62	853	111
50-59	Population	7,519	48,843	7,648	3,859
	Number	33	641	16	17
	Rate	438.9	1,312.4	209.2	440.5
	Ratio (1 in X)	228	76	478	227
60+	Population	6,165	72,088	19,348	6,404
	Number	19	464	12	17
	Rate	308.2	643.7	62.0	265.5
	Ratio (1 in X)	324	155	1,612	377
Total Females by Race/Ethnicity	Population	83,045	302,310	55,744	31,205
	Number	138	2,278	40	93
	Rate	166.2	753.5	71.8	298.0
	Ratio (1 in X)	602	133	1,394	336

Section VII – By HIV Exposure Category

Table 18 – Reported HIV Diagnoses, Among People Aged 13+ During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2020

Reported HIV Diagnoses Among People Aged 13+							
Estimated or Reported Exposure Category	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 month	% 3 months	%	% with Test	Median Count
Male-to-male Sexual Contact (MSM)	149	51.6%	86.5%	90.2%	13.3%	90.8%	435
Injection Drug Use (IDU)	16	5.7%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	3	1.1%	***	***	***	***	***
Heterosexual Contact (HET)	120	41.6%	89.9%	93.8%	31.6%	93.7%	356
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	289	100.0%	87.9%	91.7%	21.8%	92.0%	395
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MSM)	149	75.0%	86.5%	90.2%	13.3%	90.8%	435
Injection Drug Use (IDU)	9	4.5%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	3	1.7%	***	***	***	***	***
Heterosexual Contact (HET)	38	18.8%	93.9%	95.7%	30.1%	96.0%	356
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	199	100.0%	87.9%	91.5%	17.1%	92.0%	419
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	7	8.2%	83.8%	83.8%	***	87.8%	267
Heterosexual Contact (HET)	83	91.8%	88.1%	93.0%	***	92.6%	342
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	90	100.0%	87.8%	92.2%	32.2%	92.2%	342

Note. Data for 2019 are preliminary because they are based on a 6-month reporting delay and should not be used to assess trends. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Exposure category estimates are rounded to whole numbers after percentages are calculated. This may be more noticeable in the precision of estimates calculated for small numbers of people. Median count is weighted based on statistical adjustment. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

*** Data withheld due to low population counts and/or small numbers

Table 19 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2020

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MSM)	3,781	47.7%
Injection Drug Use (IDU)	572	7.2%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	194	2.4%
Heterosexual Contact (HET)	3,261	41.1%
Perinatal Transmission	89	1.1%
Other Exposure	7	0.1%
No Estimated or Reported Exposure	22	0.3%
Total	7,926	100.0%
Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MSM)	3,781	70.2%
Injection Drug Use (IDU)	313	5.8%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	194	3.6%
Heterosexual Contact (HET)	1,037	19.3%
Perinatal Transmission	40	0.7%
Other Exposure	3	0.1%
No Estimated or Reported Exposure	16	0.3%
Total	5,384	100.0%
Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	258	10.2%
Heterosexual Contact (HET)	2,225	87.5%
Perinatal Transmission	49	1.9%
Other Exposure	4	0.2%
No Estimated or Reported Exposure	6	0.2%
Total	2,542	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 20 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2019, and Reported through June 30, 2020

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Male-to-male Sexual Contact (MSM)	351	55.3%	2,960	45.0%	244	77.3%
Injection Drug Use (IDU)	22	3.5%	517	7.9%	11	3.4%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	14	2.3%	151	2.3%	16	5.1%
Heterosexual Contact (HET)	238	37.5%	2,856	43.4%	42	13.3%
Perinatal Transmission	8	1.3%	75	1.1%	2	0.6%
Other Exposure	1	0.2%	3	0.0%	1	0.3%
No Estimated or Reported Exposure	0	0.0%	22	0.3%	0	0.0%
Total	634	100.0%	6,584	100.0%	316	100.0%

Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MSM)	351	70.7%	2,960	68.6%	244	88.2%
Injection Drug Use (IDU)	12	2.4%	285	6.6%	7	2.5%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	14	2.9%	151	3.5%	16	5.8%
Heterosexual Contact (HET)	115	23.2%	866	20.1%	8	2.9%
Perinatal Transmission	3	0.6%	34	0.8%	2	0.7%
Other Exposure	1	0.2%	1	0.0%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	16	0.4%	0	0.0%
Total	496	100.0%	4,313	100.0%	277	100.0%

Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	10	7.3%	233	10.2%	4	10.5%
Heterosexual Contact (HET)	123	89.1%	1,990	87.6%	34	86.9%
Perinatal Transmission	5	3.6%	41	1.8%	0	0.0%
Other Exposure	0	0.0%	2	0.1%	1	2.6%
No Estimated or Reported Exposure	0	0.0%	6	0.3%	0	0.0%
Total	138	100.0%	2,272	100.0%	39	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 21 – CD4 Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Estimated or Reported Exposure Category, Reported through June 30, 2020

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MSM)	3,781	2,929	77.5%	628	6.3%	10.8%	15.6%	67.4%
Injection Drug Use (IDU)	572	426	74.4%	585	10.2%	13.0%	15.4%	61.5%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	194	150	77.5%	552	5.9%	11.7%	22.7%	59.7%
Heterosexual Contact (HET)	3,261	2,512	77.0%	613	7.6%	11.8%	17.0%	63.6%
Perinatal Transmission	89	67	75.3%	581	22.4%	9.0%	9.0%	59.7%
Other Exposure	7	6	85.7%	595	16.7%	0.0%	33.3%	50.0%
No Estimated or Reported Exposure	22	18	81.8%	762	11.1%	5.6%	11.1%	72.2%
Total	7,926	6,108	77.1%	617	7.3%	11.3%	16.3%	65.1%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment.

Table 22 – Viral Load Test Results During 2019 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Estimated or Reported Exposure Category, Reported through June 30, 2020

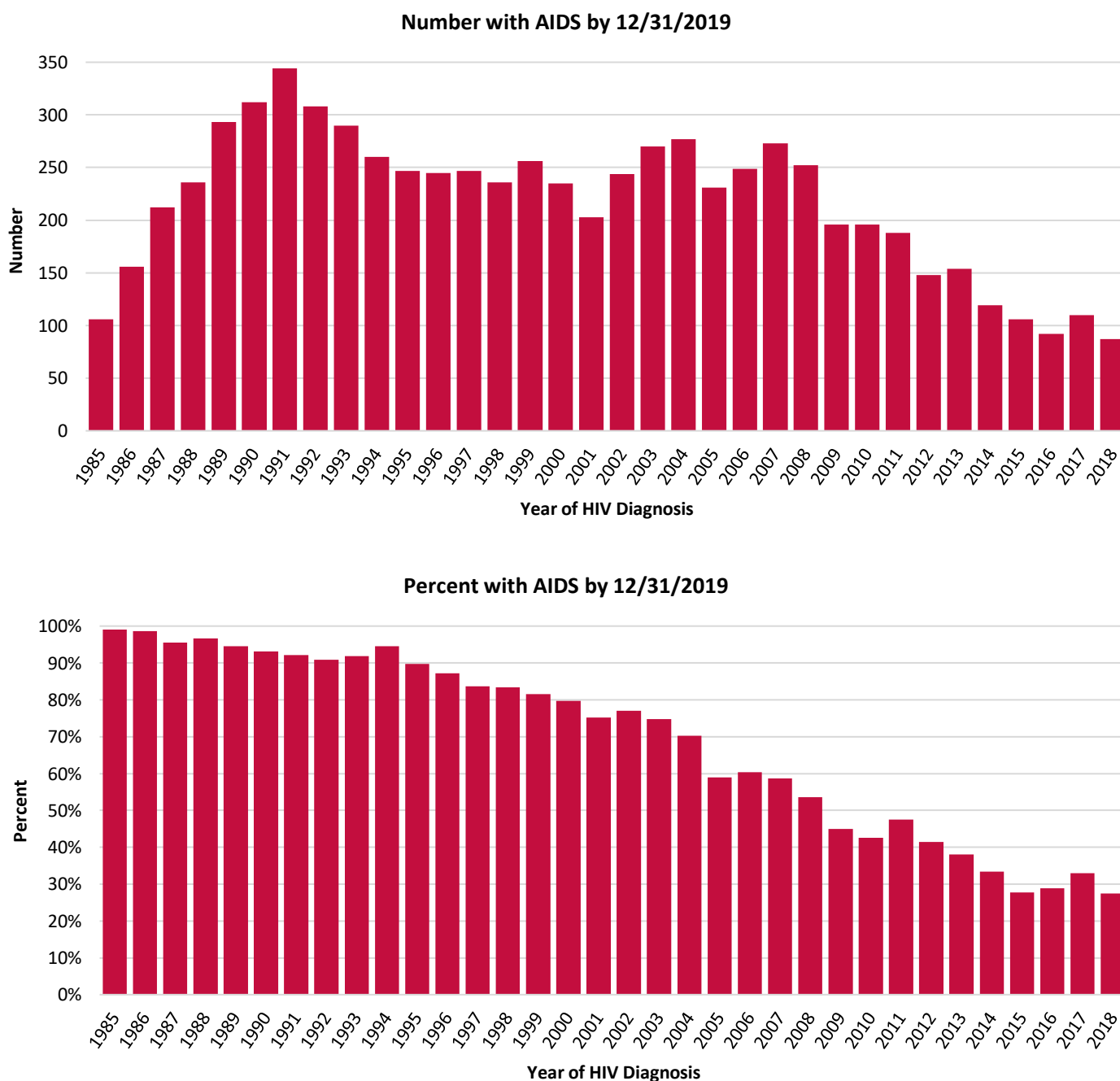
Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male-to-male Sexual Contact (MSM)	3,781	2,974	78.6%	88.8%	10,765
Injection Drug Use (IDU)	572	427	74.7%	89.4%	2,720
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	194	152	78.3%	88.5%	1,840
Heterosexual Contact (HET)	3,261	2,538	77.8%	89.6%	6,420
Perinatal Transmission	89	67	75.3%	68.7%	8,680
Other Exposure	7	6	85.7%	100.0%	--
No Estimated or Reported Exposure	22	19	86.4%	78.9%	2,165
Total	7,926	6,183	78.0%	88.9%	7,500

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

Section VIII – Disease Progression and Mortality

Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2018, Reported through June 30, 2020

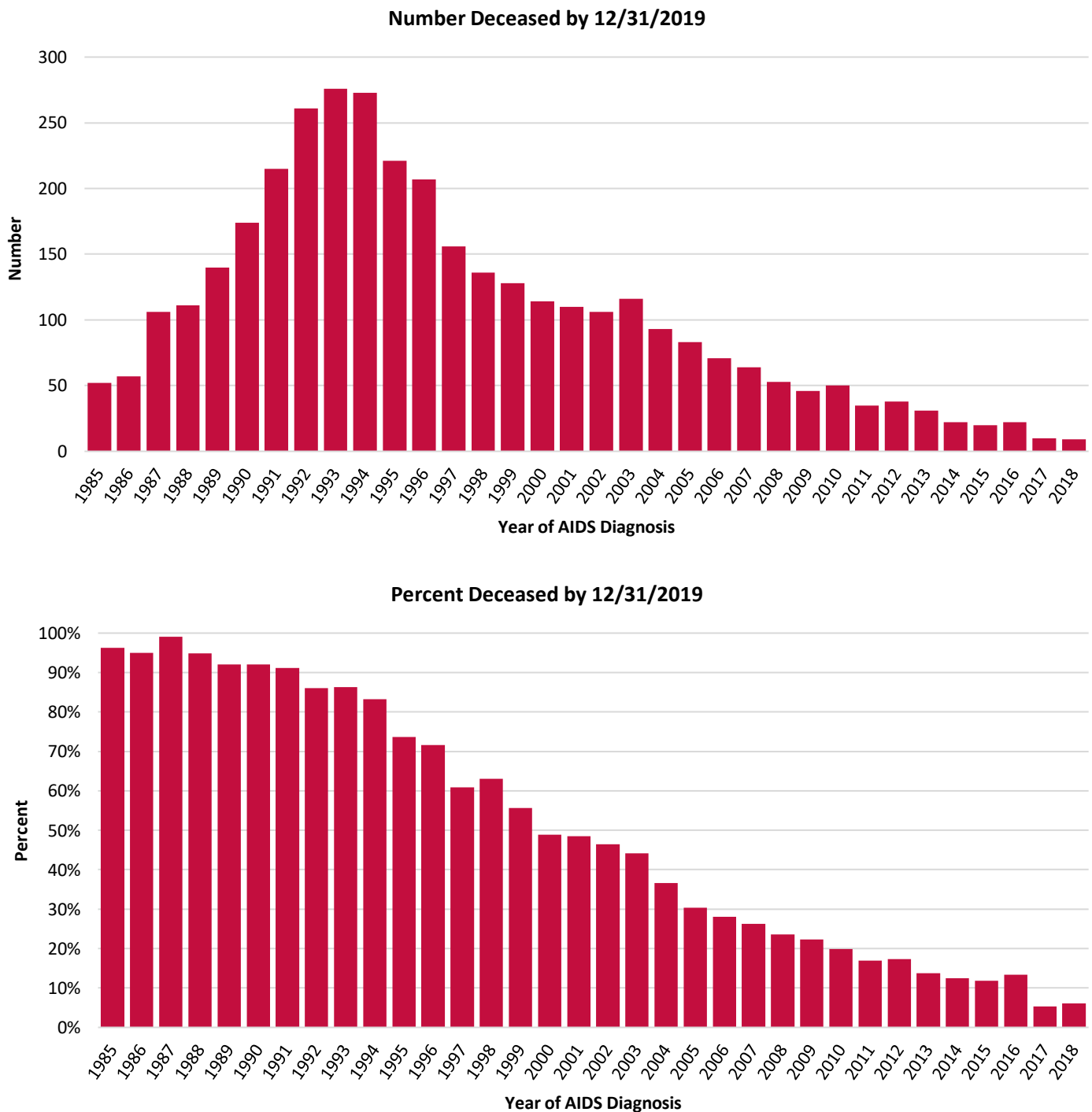
Number of People Aged 13+ with Diagnosed HIV, Age 13+ at HIV Diagnosis, (Reported HIV Diagnoses Among People Aged 13+), Number of People Aged 13+ with Diagnosed HIV with an AIDS Diagnosis by December 31, 2019 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis Among People Aged 13+ by December 31, 2019, the Average Years from HIV Diagnosis to AIDS Diagnosis for People with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis Among People Aged 13+ at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2018, Reported through June 30, 2020



Reported HIV Diagnoses Among People Aged 13+								
Year of HIV Diagnosis	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	74	68	91.9%	8.4	41.9%	41.9%	43.2%	56.8%
1985	107	106	99.1%	5.3	49.5%	50.5%	54.2%	78.5%
1986	158	156	98.7%	5.2	38.6%	39.9%	51.3%	86.7%
1987	222	212	95.5%	4.2	43.2%	43.7%	60.4%	85.1%
1988	244	236	96.7%	3.6	47.1%	51.6%	73.0%	88.1%
1989	310	293	94.5%	3.2	46.1%	48.4%	73.5%	88.7%
1990	335	312	93.1%	3.2	48.7%	55.5%	73.1%	85.7%
1991	373	344	92.2%	2.7	50.9%	60.3%	78.8%	86.1%
1992	339	308	90.9%	3.0	49.3%	56.3%	74.9%	82.9%
1993	316	290	91.8%	2.3	59.8%	64.2%	76.3%	86.1%
1994	275	260	94.5%	2.0	69.8%	74.5%	81.1%	89.1%
1995	275	247	89.8%	2.2	63.6%	68.7%	74.2%	85.8%
1996	281	245	87.2%	2.0	65.1%	66.9%	74.4%	82.2%
1997	295	247	83.7%	1.7	62.7%	66.8%	73.6%	80.0%
1998	283	236	83.4%	2.0	60.4%	65.0%	71.0%	78.1%
1999	314	256	81.5%	1.9	60.5%	65.9%	70.7%	75.8%
2000	295	235	79.7%	2.0	59.0%	61.7%	68.1%	74.6%
2001	270	203	75.2%	2.1	53.7%	55.9%	63.7%	69.6%
2002	317	244	77.0%	1.3	61.5%	65.9%	70.3%	74.1%
2003	361	270	74.8%	1.9	56.0%	58.2%	62.9%	69.8%
2004	394	277	70.3%	1.9	50.8%	53.6%	58.6%	67.5%
2005	392	231	58.9%	1.6	44.4%	47.2%	51.0%	57.1%
2006	413	249	60.3%	1.9	42.9%	44.8%	51.8%	57.4%
2007	465	273	58.7%	1.9	38.9%	42.4%	49.7%	56.3%
2008	470	252	53.6%	1.6	36.8%	40.2%	47.9%	53.2%
2009	436	196	45.0%	1.8	30.5%	32.8%	37.8%	44.7%
2010	461	196	42.5%	1.2	31.2%	34.3%	38.4%	--
2011	396	188	47.5%	1.3	34.3%	37.9%	41.9%	--
2012	357	148	41.5%	1.3	30.8%	32.5%	37.8%	--
2013	405	154	38.0%	0.9	31.4%	33.1%	36.0%	--
2014	356	119	33.4%	1.0	23.6%	26.1%	32.6%	--
2015	383	106	27.7%	0.6	23.5%	25.1%	--	--
2016	320	92	28.8%	0.5	25.6%	26.9%	--	--
2017	333	110	33.0%	0.2	31.5%	32.7%	--	--
2018	318	87	27.4%	0.2	26.1%	--	--	--
Total	11,343	7,446	65.6%	2.2	44.2%	47.5%	55.1%	62.1%

Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2018, Reported through June 30, 2020

Number of People Aged 13+ with Diagnosed HIV, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2018 (Reported AIDS Diagnoses), Number of Reported AIDS Diagnosis Among People Aged 13+ Reported to Have Died of Any Cause by December 31, 2019 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) Among People Aged 13+ by December 31, 2019, the Average Years from AIDS Diagnosis to Death for People that have Died, and the Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses Among People Aged 13+ Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2018, Reported through June 30, 2020



Reported AIDS Diagnoses Among People Aged 13+								
Year of AIDS Diagnosis	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	38	38	100.0%	0.9	34.2%	5.3%	2.6%	0.0%
1985	54	52	96.3%	1.6	40.7%	16.7%	14.8%	5.6%
1986	60	57	95.0%	1.9	53.3%	35.0%	11.7%	8.3%
1987	107	106	99.1%	2.2	44.9%	25.2%	11.2%	5.6%
1988	117	111	94.9%	1.8	60.7%	36.8%	13.7%	5.1%
1989	152	140	92.1%	3.2	66.4%	48.7%	21.7%	14.5%
1990	189	174	92.1%	3.0	65.1%	48.7%	23.8%	15.3%
1991	236	215	91.1%	2.6	67.8%	52.5%	18.2%	13.1%
1992	303	261	86.1%	3.6	78.5%	56.1%	27.7%	22.1%
1993	320	276	86.3%	3.7	71.6%	55.6%	31.6%	23.8%
1994	328	273	83.2%	3.9	74.4%	53.4%	37.8%	25.9%
1995	300	221	73.7%	4.9	75.0%	62.3%	51.0%	40.3%
1996	289	207	71.6%	5.6	80.3%	72.7%	60.6%	43.6%
1997	256	156	60.9%	5.2	81.6%	75.4%	62.5%	51.2%
1998	216	136	63.0%	5.8	84.7%	81.5%	69.0%	50.0%
1999	230	128	55.7%	5.1	84.3%	77.4%	66.5%	53.0%
2000	233	114	48.9%	6.5	91.4%	89.3%	78.1%	62.2%
2001	227	110	48.5%	5.6	85.9%	81.1%	72.2%	63.0%
2002	228	106	46.5%	5.0	88.2%	84.6%	72.4%	63.2%
2003	263	116	44.1%	4.7	87.1%	81.4%	72.2%	63.9%
2004	254	93	36.6%	5.2	89.8%	87.8%	79.1%	71.3%
2005	274	83	30.3%	4.1	90.1%	88.0%	79.9%	74.1%
2006	253	71	28.1%	4.3	92.1%	89.7%	83.0%	73.9%
2007	244	64	26.2%	3.7	91.0%	87.7%	82.4%	75.0%
2008	225	53	23.6%	3.1	89.3%	86.7%	83.1%	77.8%
2009	206	46	22.3%	2.7	90.3%	87.9%	83.0%	78.2%
2010	251	50	19.9%	2.9	93.2%	90.4%	85.3%	--
2011	206	35	17.0%	2.6	93.7%	91.3%	85.9%	--
2012	220	38	17.3%	2.6	92.3%	90.0%	86.8%	--
2013	226	31	13.7%	1.7	92.0%	90.3%	88.1%	--
2014	176	22	12.5%	1.9	95.5%	92.6%	88.1%	--
2015	169	20	11.8%	1.0	92.3%	90.5%	--	--
2016	164	22	13.4%	0.8	91.5%	88.4%	--	--
2017	188	10	5.3%	0.3	95.2%	94.7%	--	--
2018*	147	9	6.1%	0.3	93.9%	--	--	--
Total	7,349	3,644	49.6%	3.9	83.1%	75.3%	63.9%	56.3%

*2018 AIDS deaths are preliminary

Section IX – Pediatrics

Figure 12 – Trends in Reported HIV Diagnoses Among People Aged <13, 1985-2019, Reported through June 30, 2020

Number of Pediatric HIV Diagnoses, Age <13 at HIV Diagnosis, (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Children with Diagnosed HIV, Age <13 at HIV Diagnosis, and Not Reported to have Died as of December 31st of Each Year (Total Living Pediatric Diagnoses) from 1985 through 2019, as Reported by Name through June 30, 2020

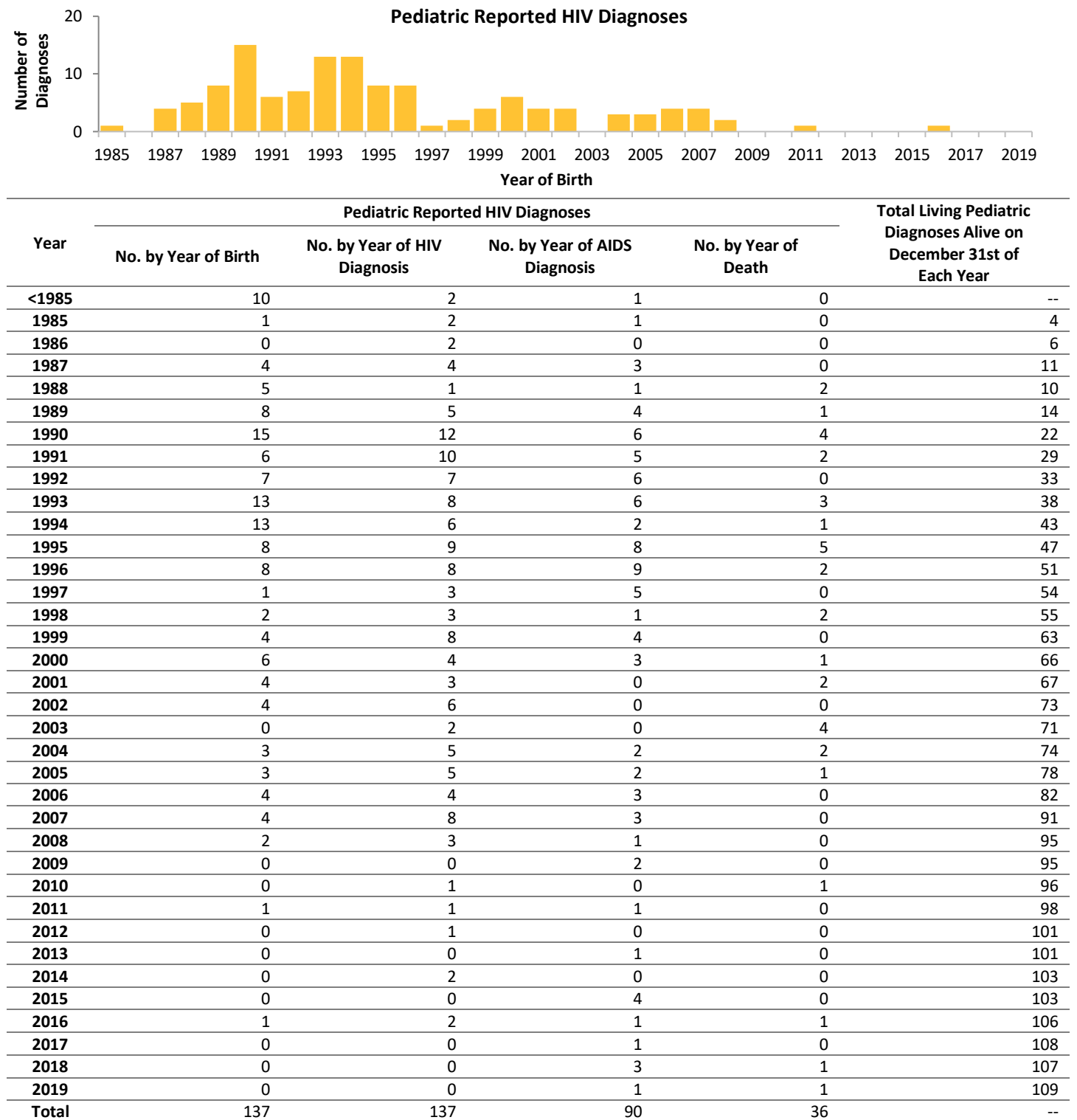


Table 23 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2019, by Jurisdiction of Current Residence, Reported through June 30, 2020

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
20707	1	9.1%
20716	1	9.1%
20735	1	9.1%
20737	1	9.1%
20740	1	9.1%
20744	1	9.1%
20748	1	9.1%
20774	2	18.2%
20782	1	9.1%
20785	1	9.1%
Total	11	100.0%

Table 24 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2019, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2020

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Sex at Birth		
Male	4	36.4%
Female	7	63.6%
Race/Ethnicity		
Hispanic	2	18.2%
Non-Hispanic	9	81.8%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	8	72.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	1	9.1%
Multiracial/Other	0	0.0%
Total	11	100.0%

Glossary of Terms

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of people living with diagnosed HIV on the specified date.

Another Gender Identity: All other gender identities or gender expressions.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of people living with diagnosed HIV with a CD4 test distributed by their CD4 count results (cells per microliter).

CD4 With Test: Number and percent of total people aged 13+ living with diagnosed HIV with a recent CD4 test result.

Corrections: Residence in a state or federal prison. Does not include local jails and detention centers.

Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

First CD4 Test Result Median Count: Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

First CD4 Test Result Percent with Test: Percent of reported HIV diagnoses among people aged 13+ with the first CD4 test result reported within 12 months following the initial HIV diagnosis.

Gender Expression: People's outward presentation of their gender which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine.

Gender Identity: Refers to one's internal understanding of one's own gender, or the gender with which a person identifies.

Heterosexual Contact (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to be HIV positive or at increased risk for HIV transmission. Risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue, and artificial insemination.

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

Jurisdiction of Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

Jurisdiction of Residence: Jurisdiction of residence at diagnosis or current residence.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Late HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 3 months after their initial HIV diagnosis.

Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a reported CD4 or viral load test performed less than or equal to 1 month or 3 months after their initial HIV diagnosis.

People Aged 13+ Living with Diagnosed HIV: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year and not reported to have died as of December 31st of the specified year.

People Living with Diagnosed HIV: Reported HIV diagnoses not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis: Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for people living with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median Count: Median CD4 count (cells per microliter), among total people aged 13+ living with diagnosed HIV, of the most recent CD4 test result measured in the specified year.

Median Unsuppressed: Median unsuppressed viral load (copies per milliliter) among people aged 13+ living with diagnosed HIV of the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

Male-to-male Sexual Contact (MSM): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Male-to-male Sexual Contact/Injection Drug Use (MSM/IDU): Men who report a history of sexual contact with other men who also have engaged in injection drug use.

Other Exposure: Includes men or women who received clotting factor for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

Percent Change: The percent change in number of total people aged 13+ living with diagnosed HIV from residence at diagnosis to current residence.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis: Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 3 months prior to their initial AIDS diagnosis.

Percent Suppressed: Percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal Exposure: Any baby born to a woman living with diagnosed HIV.

Perinatal HIV Transmission Percent: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures by year of birth.

Perinatal HIV Transmission Rate: Number of confirmed perinatal HIV transmissions divided by the number of live births multiplied by 100,000 by year of birth.

Population: Population estimate for July 1, 2019.

Population Age 13+: Population age 13 years or older, estimate for July 1, 2019.

Rate: Number of people living with diagnosed HIV divided by the population and multiplied by 100,000.

Ratio (1 in X): Number of people for every 1 person living with diagnosed HIV in the population, or 1 person living with diagnosed HIV in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year.

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported AIDS Diagnoses Among People Aged 13+: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported HIV Diagnoses Among People Aged 13+: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Residence at Diagnosis: Jurisdiction of residence at later time of initial HIV diagnosis or initial AIDS diagnosis.

Retained in HIV Care: HIV diagnosed with a reported CD4 or viral load test result performed or reported antiretroviral use in the specified year.

Suppressed Viral Load: HIV diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter.

Total People Aged 13+ Living with Diagnosed HIV: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year not reported to have died as of December 31st of the specified year.

Total People Aged <13 Living with Diagnosed HIV: Reported HIV diagnosis, age less than 13 years at HIV diagnosis and not reported to have died as of December 31st of the specified year.

Total People Living with Diagnosed HIV: Reported HIV diagnoses not reported to have died as of December 31st of the specified year.

Transfeminine: A person whose sex assigned at birth is male but who identify as feminine.

Transmasculine: A person whose sex assigned at birth is female but who identify as masculine.

Viral Load With Test: Number and percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result.